DOCUMENT RESUME

ED 427 945 SE 061 997

TITLE	Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1996. Detailed Statistical Tables.
INSTITUTION	National Science Foundation, Arlington, VA. Div. of Science Resources Studies.
REPORT NO	NSF-98-331
PUB DATE	1998-09-00
NOTE	235p.
AVAILABLE FROM	National Science Foundation, Div. of Science Resources Studies, 4201 Wilson Blvd., Suite 965, Arlington, VA 22230-9966; Tel: 703-306-1780; Fax: 703-306-0510; Web site: http://www.nsf.gov/sbe/srs/stats.htm
PUB TYPE	Numerical/Quantitative Data (110)
EDRS PRICE	MF01/PC10 Plus Postage.
DESCRIPTORS	*Engineering; Engineering Education; *Financial Support; Government (Administrative Body); *Higher Education; *Research and Development; *Research and Development Centers; Resource Allocation; *Scientific Research; Tables (Data); Technology
IDENTIFIERS	National Science Foundation

ABSTRACT

The National Science Foundation (NSF) Act of 1950 stipulates that NSF must maintain a program for determining the total amount of money for scientific and engineering research received from federal agencies by each educational institution and appropriate nonprofit organization and to report these data annually to Congress and the President. NSF annually collects statistical data from the 18 federal agencies that account for virtually all support of science and engineering research and development at educational institutions. These data provide information that enables users to examine patterns of support for individual institutions over time and to compare such patterns with those of other institutions. This report begins with an overview that addresses such issues as categories of support, agency sources, university shares, and geographic distribution. The general notes address data limitations and the relationship of this survey to the survey of federal funds for research and development as well as information sources, institutional profiles, and a description of WebCASPAR, a new advanced version of the Computer-Aided Science Policy Analysis and Research (CASPAR) database system. The technical notes in Section A delineate the scope of the survey and list federally-funded research and development centers. The bulk of this report, contained in Section B, is devoted to the detailed statistical tables of federal science and engineering obligations (PVD)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED 427 945

Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions

Fiscal Year 1996

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)
This document has been reproduced as received from the person or organization originating it.
☐ Minor changes have been made to improve reproduction quality.
• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

Detailed Statistical Tables

BEST COPY AVAILABLE

Division of Science Resources Studies
Directorate for Social, Behavioral, and Economic Sciences

National Science Foundation

NSF 98-331

Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions

Fiscal Year 1996

Detailed Statistical Tables

Richard J. Bennof, Project Officer

Division of Science Resources Studies
Directorate for Social, Behavioral, and Economic Sciences

National Science Foundation

NSF 98-331

National Science Foundation
Rita R. Colwell
Director

Directorate for Social, Behavioral, and Economic Sciences
Bennett I. Bertenthal
Director

Division of Science Resources Studies
Jeanne E. Griffith
Director

Research and Development Statistics Program
John E. Jankowski
Program Director

Division of Science Resources Studies

The Division of Science Resources Studies (SRS) fulfills the legislative mandate of the National Science Foundation Act to ...

> *provide a central clearinghouse for the collection, interpretation, and analysis of data on scientific and engineering resources and to provide a source of information for policy formulation by other agencies of the Federal Government...*

To carry out this mandate, SRS designs, supports, and directs periodic surveys as well as a variety of other data collections and research projects. These surveys yield the materials for SRS staff to compile, analyze, and disseminate quantitative information about domestic and international resources devoted to science, engineering, and technology.

If you have any comments or suggestions about this or any other SRS product or report, we would like to hear from you. Please direct your comments to:

National Science Foundation
Division of Science Resources Studies
4201 Wilson Blvd., Suite 965
Arlington, VA 22230
Telephone: (703) 306-1780
Fax: (703) 306-0510
email: srsweb@nsf.gov

Suggested Citation
National Science Foundation, Division of Science Resources Studies, *Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1996*, NSF 98-331, Project Officer, Richard Bennof (Arlington, VA 1998).

September 1998

SRS data are available through the World Wide Web (http://www.nsf.gov/sbe/srs/stats.htm). For more information about obtaining reports, contact pubs@nsf.gov or call (301) 947-2722. For NSF's Telephonic Device for the Deaf, dial (703) 306-0090.

NATIONAL SCIENCE FOUNDATION
4201 WILSON BOULEVARD
ARLINGTON, VIRGINIA 22230

OFFICE OF THE
DIRECTOR

LETTER OF TRANSMITTAL

Dear Mr. President:

It is my honor to transmit to you the statistical report, *Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1996*, in accordance with the National Science Foundation Act of 1950, as amended.

Respectfully yours,

Rita R. Colwell
Director

The President
The White House
Washington, DC 20500

FOREWORD

Institutions of higher education, the major source of the Nation's scientists and engineers, perform about one-half of the Nation's basic research. Therefore, the level, distribution, and characteristics of Federal academic support are of much interest to officials at Federal, state, and local levels and in nongovernmental sectors.

The National Science Foundation Act of 1950, as amended, requires that the Foundation " ... initiate and maintain a program for the determination of the total amount of money for scientific and engineering research, including money allocated for the construction of the facilities wherein such research is conducted, received by each educational institution and appropriate nonprofit organization in the United States, by grant, contract, or other arrangement from agencies of the Federal Government, and to report annually thereon to the President and the Congress."

To fulfill this requirement, the Foundation has utilized the data collection system originally designed by the Committee on Academic Science and Engineering of the Federal Council for Science and Technology. The Foundation annually collects statistical data from the 18 Federal agencies that account for virtually all support for science and engineering (S&E) research and development at educational institutions. Data are also collected on these agencies' obligations to nonprofit institutions.

Since its inception, this survey system has been the sole source of data on Federal funding to individual institutions for S&E activities and therefore attracts a wide audience. These data provide information that enables users to examine patterns of support for individual institutions over time and to compare such patterns with those of other institutions.

We are grateful for the continued cooperation of the responsible staff members in the participating agencies, and we appreciate their efforts to assist us in ensuring the quality of their data submissions.

Jeanne E. Griffith
Director
Division of Science Resources Studies
National Science Foundation

September 1998

ACKNOWLEDGMENTS

The preparation of *Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1996*, was managed by Richard J. Bennof, Analyst, National Science Foundation (NSF), Division of Science Resources Studies (SRS), Research and Development Statistics Program (RDS), under the overall direction of John E. Jankowski, Jr., Program Director, RDS, with guidance and review provided by Jeanne E. Griffith, Division Director, SRS, and Ronald Fecso, Chief Statistician. The text was edited by Anne Houghton, Publications Manager of SRS with assistance from Julia Harriston and Tanya Gore. Quantum Research Corp. (QRC) of Bethesda, MD, under NSF contract number SRS 94-21044, prepared the tables and report copy. QRC staff members who worked on this project were Heidi L. Clark, Gail H. Henry, Hilary E. Jones, Keri R. Leibensperger, Elizabeth H. Peto, and Jennifer D. Ranwez. Laurie Leonard and Heather Gowallis of EDO Technology Services and Analysis provided composition services for this report.

Contents

Section *Page*

Overview 1

General Notes 5

Section A. Technical Notes 9

Section B. Detailed Statistical Tables:
Federal Science and Engineering Obligations 17

Getting Information on the World Wide Web

Order Form

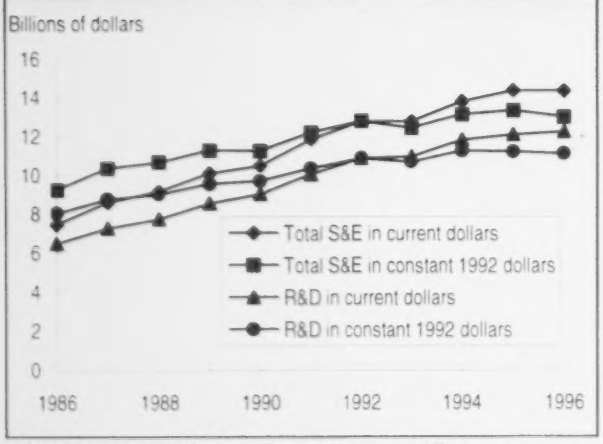
Overview

In fiscal year (FY) 1996, Federal agencies obligated $14.3 billion for academic science and engineering (S&E), about $20 million below the FY 1995 level.[1] This is only the fourth time since the first year of survey data (FY 1963) that current dollar obligations decreased. After adjustment for inflation, the decrease exceeded 2 percent.

Categories of Support

Federal academic S&E funds are provided in the following six categories: (1) research and development (R&D); (2) fellowships, traineeships, and training grants (FTTG); (3) R&D plant; (4) facilities and equipment for instruction; (5) general support for S&E; and (6) other S&E activities. Between FYs 1986 and 1996, R&D programs consistently have received by far the largest share of total academic S&E obligations, ranging from 84–87 percent of the total (figure 1). Academic R&D funds totaled $12.2 billion in FY 1996, a 1-percent current-dollar increase (and a 1-percent decrease in 1992 dollars) from the previous year (table 1). Department of Health and Human Services (HHS) projects accounted for 56 percent ($6.8 billion) of all FY 1996 Federal academic R&D obligations.

Figure 1. Federal academic science and engineering (S&E) and S&E research and development (R&D) obligations: FYs 1986–96



SOURCE: NSF/SRS, *Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: FY 1996*

Table 1. Federal academic S&E support, by type of activity: FYs 1995–96

Type of activity	FY 1995	FY 1996	Current dollars	1992 dollars
	(Millions of dollars)		(Percentage change)	
Total S&E	$14,361	$14,338	-0.2%	-2.4%
R&D	12,081	12,236	1.3	-1.0
R&D plant	341	248	-27.3	-28.9
Facilities and equipment for instruction	52	49	-5.0	-7.1
Fellowships, traineeships, and training grants	674	636	-5.7	-7.8
General support for S&E	264	210	-20.5	-22.3
Other S&E	949	959	1.1	-1.2

KEY: S&E = science and engineering
R&D = research and development

NOTE: Percentages are based on unrounded numbers.

SOURCE: NSF/SRS, *Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: FY 1996*

Each of five other academic S&E categories had a lower funding level in FY 1996 in inflation-adjusted dollars, with only obligations for "other S&E activities" higher than the FY 1995 level in current terms (by 1 percent, to $959 million). This category includes all academic S&E activities that cannot be meaningfully assigned to one of the five other categories. Examples include activities in support of technical conferences and teacher institutes and programs to increase the scientific knowledge of precollege and undergraduate students.

R&D plant obligations were down 27 percent in current dollars to $248 million, largely a result of decreased National Science Foundation (NSF) funding. FTTG support decreased 6 percent, to $636 million, mostly due to a decline in support from the National Aeronautics and Space Administration (NASA) and the Department of Education (ED). Funds for facilities and equipment for instruction were down 5 percent, to $49 million. General support for S&E totaled $210 million, a 21-percent

[1] The decrease in agency funding would appear even greater except that two agencies—the General Services Administration and the Office of Justice Programs (part of the Department of Justice)—and another subagency of the Department of Commerce—the National Telecommunications and Information Administration—were added to this survey for the first time for the FY 1996 data collection period. Collectively, these agencies obligated $12.5 million in academic S&E in FY 1996.

decrease, mostly due to reductions reported by the Agency for International Development (AID). General support for S&E includes programs that support nonspecific or generalized purposes related to scientific research and education. Projects in this category include, for example, those without any specification of purpose other than that the funds be used for scientific projects and support for activities within specified disciplines.

Agency Sources

In FY 1996, HHS accounted for just over one-half of all Federal academic S&E obligations. When combined with support from NSF and the Department of Defense (DoD), these three agencies were responsible for nearly four-fifths of the total academic S&E funds. Only HHS, however, reported real growth in S&E obligations (2 percent); both NSF and DoD reported decreased funding levels in both current and constant-dollar terms. The Department of Agriculture (USDA), NASA, and the Department of Energy (DOE) were responsible for about four-fifths of the remaining academic S&E total. Of those three agencies, only DOE reported an increase in S&E obligations.

University Shares

The top 100 university recipients of Federal S&E obligations in FY 1996 (out of 1,082 institutions, excluding 40 system offices) accounted for 81 percent of the S&E total and 83 percent of academic R&D. All of the leading 100 academic institutions grant doctorate degrees. In FY 1996, only 32 percent of all academic institutions receiving Federal S&E obligations granted doctorates, but nearly 97 percent of all academic S&E support was obligated to doctorate-granting institutions.

In FY 1996, Johns Hopkins University (including its Applied Physics Laboratory) was the leading academic recipient of Federal S&E obligations ($729 million). DoD and HHS provided 87 percent of the university's funding total (table 2). More than 5 of every 6 dollars in S&E support to Johns Hopkins University were for R&D programs.

The leading 20 universities, ranked by the amount of Federal S&E support received, accounted for 36 percent of the academic S&E total. Eighteen of the top 20 academic S&E recipients in FY 1996 were among the top 20 universities in FY 1995. The new entrants were Washington University (ranked 16th after being 21st the year before) and the University of North Carolina at Chapel Hill (20th, up from 22nd in FY 1995). The University of Pittsburgh and the University of California at Berkeley fell out of the top 20 in FY 1996. The 20 leading university recipients received 42 percent of DoD's academic S&E support in FY 1996, and 40 percent of HHS' academic S&E total. A smaller, 32-percent share of NSF's academic S&E support went to those top 20 recipient universities.

Geographic Distribution

In FY 1996, 13 states accounted for just under two-thirds of all Federal academic S&E support. Each of those states had institutions of higher education that collectively received more than $300 million in S&E obligations (table 3). These states are located along the Atlantic and Pacific coasts and within the East North Central (i.e., Great Lakes) Region. Academic institutions in Texas were the only recipient of more than $300 million outside of those regions. The nine states receiving the largest amounts of Federal academic S&E obligations in FY 1995 maintained the same ordinal positions in FY 1996. Universities and colleges within those 13 states accounted for over two-thirds of all federally financed R&D expenditures at doctorate-granting institutions, with each state having more than $300 million in such R&D expenditures.[2]

Historically Black Colleges and Universities (HBCUs)

Federal S&E support to 79 HBCUs decreased 12 percent (after a 17-percent increase the previous year) and totaled $288 million in FY 1996. R&D projects accounted for 65 percent of all HBCU support, considerably less than the 85-percent share among all academic institutions. The miscellaneous category "other S&E activities" accounted for the second largest portion of S&E obligations at both HBCUs (17 percent) and among all universities and colleges (7 percent). Howard University, with $34 million in S&E support and $29 million in R&D funds, was the leading HBCU recipient in terms of both total S&E and R&D obligations.

[2] NSF/SRS, *Survey of Academic Science and Engineering Expenditures: FY 1996*.

Table 2. Federal academic S&E support to the top 20 universities: FY 1996

Rank	Institution	Total S&E	USDA	DoD	DOE	HHS	NASA	NSF	Other 2/
		(Millions of dollars)							
	Total, all institutions	$14,337.9	$883.4	$1,782.4	$655.8	$7,336.0	$757.9	$2,205.7	$716.6
1	Johns Hopkins Univ 1/	729.4	0.1	353.0	7.0	284.2	60.8	13.0	11.3
2	Univ of Washington	347.5	3.7	33.9	19.4	218.8	9.0	46.3	16.4
3	Stanford University	317.9	---	35.7	8.6	154.4	72.6	41.0	5.5
4	University of Michigan	282.4	0.7	31.4	8.0	180.8	11.4	38.5	11.7
5	MA Inst of Technology	261.3	0.0	47.8	69.0	59.2	38.0	42.2	5.2
6	U CA San Diego	257.2	0.3	30.5	13.6	136.0	11.3	48.3	17.3
7	Harvard University	242.1	0.0	8.4	5.5	171.4	9.7	28.5	18.5
8	University of PA	240.8	0.3	12.9	8.3	191.6	1.0	22.4	4.2
9	U CA San Francisco	235.1	0.2	9.3	2.0	218.9	1.3	2.6	0.9
10	U WI Madison	231.1	19.4	12.2	15.9	122.4	11.0	44.8	5.5
11	Cornell University	230.7	25.0	14.5	5.1	94.2	6.0	83.3	2.5
12	U CA Los Angeles	226.7	0.3	16.9	15.8	160.1	9.1	20.8	3.5
13	University of Minnesota	220.7	19.7	13.6	6.1	133.9	2.7	34.6	10.1
14	Yale University	211.9	0.5	11.1	9.9	175.6	1.0	13.1	0.8
15	Columbia U City NY	204.7	0.1	8.5	8.3	142.3	4.8	34.9	5.9
16	Washington University	198.9	0.4	6.0	3.0	173.8	3.3	11.9	0.4
17	University of Colorado	197.4	0.2	12.8	4.6	108.6	16.5	31.0	23.8
18	CA Inst of Technology	190.7	---	26.2	9.8	24.6	25.1	103.6	1.4
19	PA St U University Park	190.2	21.9	63.8	5.2	57.4	9.4	28.0	4.5
20	U of NC Chapel Hill	181.2	0.6	8.2	1.7	146.1	0.4	11.0	13.1
	Total, top 20 institutions	5,198.0	93.5	756.9	226.7	2,954.3	304.4	699.8	162.4

1/ Includes funding for the Applied Physics Laboratory

2/ Includes Department of Interior, Department of Commerce, Office of Justice Programs (part of Department of Justice), Department of Housing and Urban Development, Agency for International Development, Department of Labor, Department of Transportation, Environmental Protection Agency, Social Security Administration, Nuclear Regulatory Commission, General Services Administration, and Department of Education.

KEY: --- = Less than $50,000
S&E = science and engineering

SOURCE: NSF/SRS, *Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: FY 1996*

Table 3. Federal academic science and engineering support to states receiving at least $300 million: FY 1996

State	S&E support	Share of total S&E
	(Millions of dollars)	(Percent)
S&E Total	$14,337.9	100.0%
California	1,994.2	13.9
New York	1,140.5	8.0
Maryland	938.4	6.5
Massachusetts	880.3	6.1
Pennsylvania	839.4	5.9
Texas	772.0	5.4
North Carolina	543.5	3.8
Illinois	521.4	3.6
Michigan	455.0	3.2
Ohio	400.0	2.8
Washington	393.8	2.7
Georgia	324.5	2.3
Florida	317.2	2.2
All other states	4,817.7	33.6

KEY: S&E = science and engineering

SOURCE: NSF/SRS, *Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: FY 1996*

Of the 79 HBCU recipients of S&E obligations in FY 1996, 52 suffered current-dollar decreases from their FY 1995 levels. The top 20 HBCU recipients in FY 1996 accounted for 77 percent of all HBCU S&E support. USDA, HHS, and DoD combined obligated over two-thirds of all academic S&E funds to HBCUs in FY 1996. Virtually all (99 percent) of DoD's S&E obligations to HBCUs were for R&D programs.

Independent Nonprofit Institutions

In FY 1996, Federal agencies obligated $3.1 billion for S&E R&D and R&D plant to 1,133 independent nonprofit institutions (excluding obligations to Federally Funded Research and Development Centers administered by nonprofit institutions), a 3-percent

current-dollar decrease. This was the third such decline to these organizations in the last 4 years. Research institutes, numbering less than one-fourth of all recipient nonprofit organizations (which also include voluntary [nongovernmental] hospitals and other independent institutions such as private foundations and trade associations), received 55 percent of all nonprofit obligations. The proportional number of research institutes has decreased over time, but their proportional share of nonprofit support has remained strong. Ten years earlier, in FY 1986, research institutes accounted for 41 percent of all recipient nonprofits and received 69 percent of all nonprofit obligations.

Six of the top 10 nonprofits ranked by FY 1996 obligation levels were research institutes (table 4): (Draper Laboratories, Mitre Corporation, Sematech Inc., Fred Hutchinson Cancer Research Center, Battelle Memorial Institute, and SRI International). The three largest voluntary hospital recipients (Massachusetts General Hospital, Brigham and Women's Hospital, and Scripps Clinic & Research Foundation) were among the leading 10 nonprofit recipients for the 8th consecutive year. Nine of the top 10 nonprofits were among the leading 10 in FY 1995, with SRI International being the new entrant and the Association of Universities for Research and Astronomy no longer in the group. The top 10 nonprofits accounted for 35 percent of all Federal S&E R&D and R&D plant obligations to nonprofit institutions in FY 1996.

Of the total Federal obligations, HHS supplied 47 percent of all Federal S&E R&D and R&D plant support to nonprofit organizations in FY 1996, and 95 percent of such Federal funding to voluntary hospitals. DoD provided 32 percent of all Federal S&E R&D and R&D plant nonprofit obligations, and 86 percent of these DoD funds supported research institutes.

Table 4. Federal S&E R&D and R&D plant obligations to the leading 10 independent nonprofit institutions, ranked by total amount received in FY 1996

Institution and ranking	Total	DoD	DOE	HHS	NASA	NSF	Other
	(Millions of dollars)						
Total, all nonprofit institutions	$3,112.9	$999.5	$54.2	$1,477.4	$179.1	$158.5	$244.2
1. Draper Laboratories	221.3	215.1	0.0	0.0	6.2	0.0	0.0
2. Mitre Corporation	206.8	202.9	1.3	1.4	1.0	0.1	0.2
3. MA General Hospital	113.3	5.0	0.6	107.4	0.3	0.0	0.1
4. Brigham and Women's Hosp	99.8	0.9	0.0	96.8	1.3	0.5	0.2
5. Scripps Clinic & Rsch Fdn	92.2	3.2	0.5	88.5	0.0	0.0	0.0
6. Sematech, Inc.	84.6	84.6	0.0	0.0	0.0	0.0	0.0
7. F. Hutchinson Cancer Rsch	80.0	2.1	0.0	77.6	--	0.3	0.0
8. Battelle Memorial Inst	75.5	64.8	0.0	8.3	1.5	0.0	0.8
9. Nat'l Academy of Sciences	66.8	17.8	5.1	3.1	18.7	10.9	11.2
10. SRI International	61.1	43.6	0.3	9.6	1.7	5.6	0.4

KEY: "--" = Less than $50,000

SOURCE: NSF/SRS, *Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: FY 1996*

General Notes

The data presented in these tables represent all categories of direct Federal science and engineering (S&E) support to institutions of higher education in the United States. The 18 Federal agencies included provided virtually all funding for S&E research and development (R&D) at universities and colleges. In addition, data are reported on these agencies' obligations to nonprofit institutions. Data on type of institutional control and on highest degree granted were not published in this report but are available upon request.

Data Limitations and Relationship of This Survey to the Survey of Federal Funds for Research and Development

Data presented in this report on R&D and R&D plant by agency sometimes conflict significantly with such data presented in the annual National Science Foundation (NSF) survey titled "Federal Funds for Research and Development," referred to hereafter as the Federal funds survey. The treatment of interagency transfers explains much of the difference in the totals. Interagency transfers of funds obligated to an academic or nonprofit institution are reported in the "Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions" (Federal S&E support survey) by the agency that actually obligates the funds to the receiving institution. In the Federal funds survey, however, obligations are reported by the initiating agency.

Each of several agencies utilizes personnel from separate internal offices to respond to the two individual surveys, and each frequently collects data from different sources. Data for the Federal S&E support survey, for example, are generally processed from award files, whereas Federal funds survey data are usually derived from agency budget documents.

Respondents from the separate internal offices that participate in the two surveys also frequently differ in their interpretation of the survey questions. The National Institutes of Health, for example, report Biomedical Research Support Grants under "general support for science and engineering" in the Federal S&E support survey but under "research and development" in the Federal funds survey. Regarding the structure of the surveys themselves, the data presented in this report differ in two main ways from those presented in the report on the Federal funds survey, as follows.

1. The two surveys differ in number of agencies involved. In the Federal S&E support survey, the 18 Federal agencies that obligate virtually all of Federal support to academic R&D collect data on all Federal S&E obligations to institutions of higher education. For the Federal funds survey, data are gathered on budgets for R&D and R&D plant from all 31 Federal agencies that conduct such programs.

2. The scope of information gathered differs. Data collected in the Federal S&E support survey pertain to individual academic institutions. Those collected in the Federal funds survey relate to all types of performers and are detailed as to character of work (basic research, applied research, and development).

The fiscal year (FY) 1996 data shown in this report were submitted by the following Federal agencies, listed by the acronyms or abbreviated forms under which data were reported for them:

AID	-	Agency for International Development
Com	-	Department of Commerce
DoD	-	Department of Defense
DOT	-	Department of Transportation
ED	-	Department of Education
EPA	-	Environmental Protection Agency
DOE	-	Department of Energy
GSA	-	General Services Administration
HHS	-	Department of Health and Human Services
ACF	-	Administration for Children and Families
AHCPR	-	Agency for Health Care Policy and Research
AoA	-	Administration on Aging
ATSDR	-	Agency for Toxic Substances and Disease Registry
CDC	-	Centers for Disease Control and Prevention
FDA	-	Food and Drug Administration

HCFA	-	Health Care Financing Administration
HRSA	-	Health Resources and Services Administration
IHS	-	Indian Health Service
OS	-	Office of the Secretary
	-	Office of the Assistant Secretary, Planning & Evaluation
	-	Office of Public Health & Science
NIH	-	National Institutes of Health
SAMHSA	-	Substance Abuse and Mental Health Services Administration

HUD	-	Department of Housing and Urban Development
Int	-	Department of the Interior
Labor	-	Department of Labor
NASA	-	National Aeronautics and Space Administration
NRC	-	Nuclear Regulatory Commission
NSF	-	National Science Foundation
OJP	-	Office of Justice Programs, Department of Justice
SSA	-	Social Security Administration
USDA	-	Department of Agriculture

The following abbreviated references are used:

FFRDC	-	federally funded research and development center
FTTG	-	fellowships, traineeships, and training grants
FY	-	fiscal year
n.e.c.	-	not elsewhere classified
R&D	-	research and development
S&E	-	science and engineering
SRS	-	Division of Science Resources Studies, NSF, which produces this report

Obligations shown for universities and colleges do not include funds obligated to FFRDCs administered by academic institutions. FFRDCs are R&D-performing entities that are formed to meet a particular Federal R&D objective that cannot be met effectively by existing organizational resources. They range from the traditional contractor-owned/contractor-operated or Government-owned/contractor-operated organizational structures to various degrees of contractor/Government control and ownership.

The data exclude financial support of an indirect nature, such as funds allocated to State agencies, even if the final recipient of such funds is known to be an academic institution.

Because of rounding, data shown in the text or tabulations may not add to the totals or subtotals. Reported obligations were rounded to the nearest thousand dollars.

For further information concerning the availability of Federal S&E support survey data and the technical aspects of this survey, please contact:

Richard J. Bennof, Project Officer
Research and Development Statistics Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard, Suite 965
Arlington, VA 22230

Telephone: (703) 306-1772, ext. 6938
E-mail: rbennof@nsf.gov

Information Sources

Data Tapes

Public-use tapes from the Integrated Academic Science and Engineering Database are available for purchase and will normally be shipped within 3 working days from order receipt. Data tapes from the most recent surveys (1996) are currently available. Individuals interested in obtaining data tapes from the NSF Surveys of Academic Science and Engineering should contact NSF's Division of Science Resources Studies at (703) 306-1772.

Institutional Profiles

Selected data items for individual doctorate-granting institutions and schools with S&E departments that grant a master's degree are available on computer-generated institutional profiles. An institutional profile consists of data not only from this survey, but from NSF's other two academic S&E surveys: the Survey of Scientific and Engineering Expenditures at Universities and Colleges (academic R&D expenditures survey) and the Survey of Graduate Students and Postdoctorates in Science and Engineering (graduate student survey).

WebCASPAR

WebCASPAR is a new advanced version of the Computer-Aided Science Policy Analysis and Research (CASPAR) database system, a tool for retrieval and analysis of statistical data on academic S&E resources. A standard Web browser, such as Netscape Navigator or Microsoft Internet Explorer, is all that is needed to access the WebCASPAR server at NSF, browse through available data, select information of interest, and download this information as tables, spreadsheets, or data files.

WebCASPAR provides the analyst with an extensive and growing data library with multiyear statistics on the state of higher education in general and on academic S&E resources specifically. WebCASPAR data are drawn from a number of sources. Longitudinal data from surveys of universities and colleges conducted by the NSF Division of Science Resources Studies include the Federal S&E support survey, academic R&D expenditures survey, Survey of Federal Funds for Research and Development, and the graduate student survey. Data from the Integrated Postsecondary Education Data System conducted by the National Center for Education Statistics are also included. Data from other sources include the National Research Council's assessment of research-doctorate programs.

Data in WebCASPAR are available by categories standardized across multiple data sources as well as categories specific to a single data source. Help facilities are available to facilitate the use and interpretation of data.

New features, such as predefined report templates, a data map, and a tutorial, make the system much easier to use than the previous version. In addition, WebCASPAR contains data not available in the previous version.

The URL for WebCASPAR is http://caspar.nsf.gov/webcaspar.

For additional information on CASPAR, write or fax your request to the following address:

Quantum Research Corp.
ATTN: WebCASPAR
7315 Wisconsin Avenue, Suite 400W
Bethesda, MD 20814

Fax: (301) 657-3862

Section A.

Technical Notes

SCOPE OF SURVEY

Data presented in this report are collected annually through the National Science Foundation's (NSF) Survey of Federal Science and Engineering (S&E) Support to Universities, Colleges, and Nonprofit Institutions (Federal S&E support survey). The survey originated in 1965, when the Committee on Academic Science and Engineering (CASE) within the Federal Council for Science and Technology established the CASE data collection system to report annually on Federal S&E obligations to academic institutions and associated federally funded research and development centers (FFRDCs). Since 1968, CASE data, as well as data on nonprofit institutions, also have served as the basis for an annual report to the President and Congress.

This survey is designed to collect information from Federal agencies on (1) total S&E program support in thousands of dollars to academic institutions, (2) total S&E support to FFRDCs administered by academic institutions, and (3) research and development (R&D) and R&D plant support to nonprofit institutions and associated FFRDCs.

Data are shown for Federal S&E obligations to institutions classified as historically Black universities and colleges by type of activity, agency, and R&D obligations.

The FY 1996 data in this report were submitted by 18 Federal agencies, covering the period October 1, 1995, through September 30, 1996. Data reported by the Agency for International Development, the Departments of Housing and Urban Development, Labor, and Transportation, the General Services Administration, the Nuclear Regulatory Commission, the Office of Justice Programs, and the Social Security Administration were combined, because of space constraints, to constitute the "other" category in tables that show funding by agency. In 1996, these eight agencies accounted for less than 2 percent of all Federal S&E academic support. In most tables that list data by agency and individual institution, the "other" column includes data from the Department of the Interior in addition to those eight agencies. In 1996, the 18 agencies reported obligations to 1,082 universities and colleges, 40 academic system offices, and 1,133 independent nonprofit institutions.

In FY 1996, the Johns Hopkins University Applied Physics Lab (APL) accounted for more than 95 percent of Johns Hopkins' $353 million in total S&E funding from the Department of Defense (DoD). During the FY 1987 survey cycle, DoD determined that some funds reported in prior years as R&D obligations to APL were more appropriately classified as "other sciences and engineering." Data for FYs 1984–86 were revised, but DoD was unable to revise data prior to FY 1984.

To better differentiate between that part of the Federal R&D budget that supports "science and key enabling technologies" (including for military and non-defense applications) and that part that primarily concerns "testing and evaluation of large technical systems prior to production" (of mostly defense-related systems), NSF now collects data on DoD development dollars in two categories: advanced technology development and major systems development.

As a result of trend editing of the Department of Education's (ED's) data each year, a small number of academic institutions' dollar totals are distributed by type of activity (R&D, R&D plant, etc.) on a prorated basis through FY 1992 by NSF because ED could evaluate the data only on a "total obligations" basis. During the FY 1987 survey cycle, ED determined that institution coding problems in earlier years caused its database to produce several large funding trend shifts at specific universities.

ED has made major software modifications to the automated system from which the Federal S&E data were produced. Therefore, due to a revamped coding structure, there are trend differences among institutions' data from ED beginning in FY 1993. Those trend differences were a major factor in NSF's decision not to publish "non-S&E" totals beginning for the FY 1993 report. ED accounted for 91 percent ($5.9 billion) of the total Federal support for "non-S&E" ($6.5 billion) for FY 1993. To explain ED's downward academic R&D trend between FY 1993 and FY 1994 (from $95 million to $49 million), the agency stated that academic R&D programs in FY 1994 either were not funded, did not have an S&E component, or received reductions in funding.

"R&D plant" in this report refers to large facilities and fixed equipment. Data on "research instrumentation" are not separately identifiable in this report. Research instrumentation funds are for equipment purchased under research project awards from current-fund accounts and are included under totals for R&D.

Some agencies not surveyed may account for a significant proportion of the total receipts at some institutions, even though those receipts may constitute a small proportion of total academic R&D.

Obligations listed for individual institutions reflect direct Federal S&E support so that amounts subcontracted to other institutions are included. Those funds received through subcontract arrangements from prime contractors are excluded.

Federal obligations to institutions are presented on the basis of the individual institutions that are components of the system, but obligations awarded directly to the central administration of a system are listed separately. If the final destination of the funds is not known, however, the agencies report them as obligations to a system's administrative office, or "central system," from which the funds are distributed to the system's individual institutions.

Other Science Resources Studies Reports on Federal R&D Funding

In addition to the Survey of Federal Funds for Research and Development report, the NSF Division of Science Resources Studies publishes one other report related to Federal R&D funding. *National Patterns of R&D Resources* includes information on R&D expenditures by different performers including industry, academia, and the Federal Government. The expenditures data in *National Patterns*, with the exception of Federal intramural R&D, are based on sample surveys of the performers of R&D. Respondents are asked to report how much they actually spent on R&D during the year and the source of those funds. Data in *National Patterns* are based on expenditures reported by performers; performers of R&D often expend Federal funds in a different year from the one in which the Federal Government provided authorization, obligations, or outlays.

Definitions

Obligations are the amounts for orders placed, contracts awarded, services received, and similar transactions during a given period, regardless of when the funds were appropriated and when future payment of money is required. Obligations differ from expenditures in that funds allocated by Federal agencies during one fiscal year may be spent by the recipient institution either partially or entirely during one or more subsequent years.

Type of Institution

Universities and colleges are those institutions of higher education in the United States that offer at least 1 year of college-level study leading toward a degree. A university or college comprises all parts of an academic institution, such as colleges of liberal arts, professional schools, hospitals, schools of agriculture, and agricultural experiment stations, including bureaus, offices, and research centers (excluding FFRDCs), whether located on or off the main campus, and branch campuses controlled directly by the parent institution. The universe of academic institutions that is the foundation of this survey is derived from the higher education institutions' portion of ED's Integrated Postsecondary Education Data System (IPEDS), sponsored by the National Center for Education Statistics, and the *1997 Higher Education Directory*, published by Higher Education Publications, Inc.

Institutions included are those that received Federal S&E support during FY 1996 and possessed a significant degree of academic and administrative autonomy. Institutions within a system (a group of institutions having a collective legal status and generally recognized by a state government, a board of education, or other relevant organization) in which a significant degree of autonomy remains at the individual institution level are presented separately; obligations to branch campuses are included in the totals for their parent institutions. The study excludes all obligations to the service academies and to the U.S. Department of Agriculture Graduate School.

Independent nonprofit institutions are legal entities other than universities and colleges, privately organized or chartered to serve the public interest, and exempt from most forms of Federal taxation. Data presented for nonprofit institutions and for nonprofit-administered FFRDCs are obligations for R&D and R&D plant reported by the 18 participating agencies.

Coverage of the nonprofit section in the Federal support survey was expanded beginning in the late 1970s to include all types of nonprofit institutions that receive

Federal R&D funds. For NSF purposes the types of institutions are defined as follows:[1]

1. **Research institute.** A separately incorporated, independent nonprofit organization operating under the direction of its own controlling body, the primary function of which is the performance of R&D in S&E.

2. **Voluntary hospital.** A member of the American Hospital Association not subject to the control of either Federal, State, or local governments, nor an integral part of any institution of higher education. Hospitals that have been set up by research institutes and that, although providing patient care, function primarily as laboratories for the research institutes are included in the "Research institute" category.

3. **All other independent nonprofit institutions.**

   (a) **Professional or technical society, or academy of science and engineering.** A voluntary association of individuals sharing a common interest in the advancement of knowledge, either within a single field or across a broad spectrum of disciplines. The major function of these organizations is to aid and encourage the collection, collation, and dissemination of S&E knowledge for the benefit of their members and the community as a whole.

   (b) **Private foundation.** A non-governmental, nonprofit organization having a principal fund of its own, managed by its own trustees or directors, and established to maintain or to aid social, educational, charitable, religious, or other activities serving the common welfare. Private foundations include operating foundations that allocate the greater proportion of their R&D budgets to intramural performance and philanthropic foundations that allocate most of their funds to grants and contracts for research to be performed extramurally.

   (c) **Science exhibitor.** A nonprofit organization with the primary goal of expanding scientific literacy within the community by providing exhibits that display and interpret the latest scientific findings within its field or fields. Included in this category are museums, zoological parks, botanical gardens, and arboretums.

   (d) **Trade association.** An organization of business competitors, in a specific industry or business, that is interested primarily in the commercial promotion of products or services. Membership is usually held in the name of a business entity. Activities may fall into one or more of the following areas: business ethics, management practices, standardization, commercial (i.e., statistical) research, publication, promotion, and public relations.

   (e) **Agricultural cooperative.** An organization of individuals or business entities that are normally competitors in the production and sale of agricultural products. Activities may fall into one or more of the following areas: collective marketing or purchasing, research, public relations, and the improvement of the economic condition of the farm population of the United States.

Category of Support

Academic science and engineering includes all obligations for R&D; R&D plant; facilities and equipment for S&E instruction; fellowships, traineeships, and training grants (FTTGs); general support for S&E; and other S&E activities. These activities are defined as follows:

1. **R&D** includes all research activities, both basic and applied, and all development activities that are supported at universities and colleges. Demonstration projects conducted to discover whether a technology or method is workable are considered to be within the scope of R&D if their objective is to produce new information within a specific time period.

   "Research" is defined as systematic study directed toward fuller scientific knowledge or understanding of the subject studied. Research can be classified as basic or applied, although

[1] National Science Foundation, *R&D Activities of Independent Nonprofit Institutions, 1973* (NSF 75-308) (Washington, DC: GPO, 1975).

data reported here are not separated into these categories. In basic research the investigation is oriented toward gaining a better knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications toward processes or products in mind. In applied research the investigation is aimed at gaining the knowledge or understanding necessary for determining the means by which a recognized and specific need may be met.

"Development" is the systematic use of knowledge and understanding gained from research directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes.

R&D excludes topographic mapping and surveys, collection of general-purpose statistics, and activities concerned primarily with the dissemination of scientific information. Also excluded are routine product testing, quality control, and R&D facilities and fixed equipment.

"Research equipment" is included as part of R&D. It includes any item (or interrelated collection of items constituting a system) of nonexpendable tangible property or software having a useful life of more than 2 years and an acquisition cost of $500 or more that is used wholly or in part for research.

2. **R&D plant** includes all costs—direct, indirect, and related—of all projects with the main objective of providing support for the construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in S&E R&D. A facility is interpreted broadly to be any physical resource important to the conduct of R&D. Excluded are expendable research equipment and office furniture and equipment.

3. **Facilities and equipment** for S&E instruction include all programs with the main purpose of providing support for the construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in instruction in S&E.

4. **Fellowships, traineeships, and training grants** include graduate programs in support of the development and maintenance of S&E personnel resources. The total amounts pertaining to such awards (stipends and cost-of-education allowances) are reported on the basis of the institution chosen by the recipient. Excluded are programs that support research and education institutes, seminars, and conferences such as teacher-training activities provided through teacher institutes, short courses, research participation, and in-service seminars; activities aimed at the development of education techniques and materials for use in S&E training; and programs that provide special opportunities for increasing the scientific knowledge and experience of pre-college and undergraduate students. These activities are included in "other science and engineering activities" (see category 6) if they are S&E-oriented.

5. **General support for S&E** includes programs that support nonspecific or generalized purposes related to scientific research and education. Such projects are generally oriented toward academic departments, institutes, or institutions as a whole and embody varying types of support, ranging from support provided without any specification of purpose other than that the funds be used for scientific projects to projects in which funds are provided for activities within a specified field of S&E without a specific purpose. The National Institutes of Health's (NIH's) Biomedical Research Support Grants and Minority Biomedical Support Grants are examples of these types of programs.

6. **Other S&E activities** include all academic S&E activities that cannot be assigned to one of the preceding five categories, including obligations in support of technical conferences, teacher institutes, and activities aimed at increasing the scientific knowledge of precollege and undergraduate students.

Federally Funded Research and Development Centers

The following is a list of federally funded research and development centers (FFRDCs) included in the Federal S&E support survey. The list is arranged by sponsoring agency and administering organization (in parentheses). Respondents reported under the FFRDC category funds that were obligated to the centers identified on this list.

Department of Defense

Office of the Secretary of Defense

Administered by other nonprofit institutions[1]

Institute for Defense Analyses Studies and Analyses FFRDC (Institute for Defense Analyses), Alexandria, VA

Logistics Management Institute (Logistics Management Institute), McLean, VA[2]

National Defense Research Institute (RAND Corp.[3]), Santa Monica, CA

C3I Federally Funded Research and Development Center (MITRE Corp.[4]), Bedford, MA, and McLean, VA

Defense Advanced Research Projects Agency

Administered by universities and colleges[5]

Software Engineering Institute (Carnegie Mellon University), Pittsburgh, PA

National Security Agency

Administered by other nonprofit institutions[1]

Institute for Defense Analyses Communications and Computing Federally Funded Research and Development Center[6] (Institute for Defense Analyses), Alexandria, VA

Department of the Navy

Administered by other nonprofit institutions[1]

Center for Naval Analyses (The CNA Corp.), Alexandria, VA

Department of the Air Force

Administered by universities and colleges[5]

Lincoln Laboratory (Massachusetts Institute of Technology), Lexington, MA

Administered by other nonprofit institutions[1]

Aerospace Federally Funded Research and Development Center (The Aerospace Corp.), El Segundo, CA

Project Air Force (RAND Corp.[3]), Santa Monica, CA

Department of the Army

Administered by other nonprofit institutions[1]

Arroyo Center (RAND Corp.[3]), Santa Monica, CA

Department of Energy

Administered by universities and colleges[5]

Ames Laboratory (Iowa State University of Science and Technology), Ames, IA

Argonne National Laboratory (University of Chicago), Argonne, IL

Brookhaven National Laboratory (Associated Universities, Inc.), Upton, Long Island, NY

Ernest Orlando Lawrence Berkeley National Laboratory (University of California), Berkeley, CA

Fermi National Accelerator Laboratory (Universities Research Association, Inc.), Batavia, IL

Lawrence Livermore National Laboratory (University of California), Livermore, CA

Los Alamos National Laboratory (University of California), Los Alamos, NM

Oak Ridge Institute for Science and Education (Oak Ridge Associated Universities, Inc.), Oak Ridge, TN

Princeton Plasma Physics Laboratory (Princeton University), Princeton, NJ

Stanford Linear Accelerator Center (Leland Stanford Junior University), Stanford, CA

Thomas Jefferson National Accelerator Facility[7] (Southeastern Universities Research Association, Inc.), Newport News, VA

Administered by other nonprofit institutions[1]
National Renewable Energy Laboratory[8] (Midwest Research Institute), Golden, CO

Pacific Northwest National Laboratory (Battelle Memorial Institute), Richland, WA

National Aeronautics and Space Administration

Administered by universities and colleges[5]
Jet Propulsion Laboratory (California Institute of Technology), Pasadena, CA

National Science Foundation

Administered by universities and colleges[5]
National Astronomy and Ionosphere Center (Cornell University), Arecibo, PR

National Center for Atmospheric Research (University Corp. for Atmospheric Research), Boulder, CO

National Optical Astronomy Observatories[9] (Association of Universities for Research in Astronomy, Inc.), Tucson, AZ

National Radio Astronomy Observatory (Associated Universities, Inc.), Green Bank, WV

Administered by other nonprofit institutions[1]
Critical Technologies Institute (RAND Corp.[3]), Washington, DC

Nuclear Regulatory Commission

Administered by other nonprofit institutions[1]
Center for Nuclear Waste Regulatory Analyses (Southwest Research Institute), San Antonio, TX

Department of Transportation

Federal Aviation Administration

Administered by other nonprofit institutions[1]
Center for Advanced Aviation System Development (MITRE Corp.[4]), McLean, VA

Department of the Treasury

Internal Revenue Service

Administered by other nonprofit institutions[1]
Tax Systems Modernization Institute (IIT Research Institute), Lanham, MD

Endnotes

1 That is, other than universities and colleges.

2 Logistics Management Institute (LMI) moved from Bethesda, MD, to McLean, VA, in May 1994.

3 The following portions of the RAND Corp. are FFRDCs: Project Air Force, National Defense Research Institute (formerly Defense Office of the Joint Chiefs of Staff), the Arroyo Center, and the Critical Technologies Institute. All other agency support to RAND is reported under nonprofit institutions.

4 Only the C3I Federally Funded Research and Development Center and the Center for Advanced Aviation System Development parts of the MITRE Corp. are FFRDCs. All other agency support to MITRE is reported under nonprofit institutions.

5 Includes university consortia.

6 Although the Institute for Defense Analyses Communications and Computing FFRDC has been in existence since 1956, the Department of Defense added it to the Master Government List of FFRDCs for the first time in October 1995.

7 In May 1996 the name was changed from Continuous Electron Beam Accelerator Facility.

8 In September 1991 the name was changed from Solar Energy Research Institute.

9 Since February 1984 this center has included three former FFRDCs: Cerro Tololo Inter-American Observatory, Kitt Peak National Observatory, and the National Solar Observatory (formerly Sacramento Peak Observatory).

NOTES: The Department of the Army decertified the Institute for Advanced Technology (University of Texas), Austin, TX, as an FFRDC in November 1993. All obligations previously reported to this institution should be reported under universities and colleges.

The Department of Energy removed the Inhalation Toxicology Research Institute from the Master Government List of FFRDCs in May 1996.

Section B.

Detailed Statistical Tables: Federal Science and Engineering Obligations

To obtain accurate historical data, use only the latest detailed statistical tables (covering FY 1996) and not data published earlier. Data presented in trend tables are assembled from the most recent completed survey cycle. Data for prior years are reviewed for consistency with current-year responses and, when necessary, are revised in consultation with agencies and/or institutions. For that reason, references to prior-years' data should be restricted to those published in this document.

Table *Page*

Federal S&E Obligations to Universities and Colleges

Trends

B-1. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity: fiscal years 1963–96 23

B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963–96 24

B-3. Federal obligations for science and engineering to universities and colleges, by geographic division and State: fiscal years 1989–96 36

B-4. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1996: fiscal years 1989–96 38

B-5. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1989–96 40

B-6. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1996: fiscal years 1989–96 42

Summary

B-7. Federal obligations for science and engineering (S&E) to universities and colleges, by agency and type of activity: fiscal year 1996 44

Geographic Distribution, Fiscal Year (FY) 1996

B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1996 45

B-9. Federal obligations for science and engineering to universities and colleges, by geographic division, State, and agency: fiscal year 1996 49

Table *Page*

B-10. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1996 51

100 Institutions Ranked in Order of Amount Received, FY 1996

B-11. Federal obligations for science and engineering (S&E) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1996 53

B-12. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1996 55

B-13. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1996 57

B-14. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1996 60

Institutional Listings, by State, FY 1996

B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996 62

B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996 85

B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996 107

B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1996 147

Historically Black Colleges and Universities

B-19. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received in fiscal year 1996: fiscal years 1989–96 152

B-20. Federal obligations for science and engineering (S&E) to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1996 154

B-21. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1996 156

Table *Page*

B-22. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1996: fiscal years 1989–96 158

B-23. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1996 160

Systems of Universities and Colleges, FY 1996

B-24. Federal obligations for science and engineering to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1996 162

B-25. Federal obligations for science and engineering research and development to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1996 164

Federal S&E Obligations to Nonprofit Institutions

B-26. Federal obligations for science and engineering research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1996: fiscal years 1989–96 166

B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996 168

B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1996 191

B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1996 197

B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1996 203

Federal S&E Obligations to Selected Consortia

B-31. Federal obligations for science and engineering to selected consortia of institutions: fiscal years 1989–96 215

B-32. Federal obligations for science and engineering (S&E) to selected consortia of institutions, by type of activity: fiscal year 1996 216

Table *Page*

B-33. Federal obligations for science and engineering to selected consortia of institutions, by agency: fiscal year 1996 217

Federal S&E Obligations to Federally Funded Research and Development Centers

B-34. Federal science and engineering (S&E) obligations to federally funded research and development centers administered by universities and colleges, by type of activity: fiscal years 1963–96 218

B-35. Federal science and engineering obligations to federally funded research and development centers administered by universities and colleges, by agency: fiscal years 1963–96 219

B-36. Federal science and engineering (S&E) obligations to federally funded research and development centers administered by universities and colleges, by agency and type of activity: fiscal year 1996 220

B-37. Federal science and engineering obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, and sponsoring agency: fiscal years 1989–96 221

B-38. Federal science and engineering (S&E) obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, agency, and type of activity: fiscal year 1996 223

B-39. Federal science and engineering research and development and R&D plant obligations to federally funded research and development centers (FFRDCs) administered by nonprofit institutions, by State, institution, and sponsoring agency: fiscal years 1989–96 226

Table B-1. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity: fiscal years 1963-96

[Thousands of dollars]

Fiscal year	Total	Research and development [1]	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities [1]
1963	1,328,511	829,524	105,896	[2]	[2]	[2]	393,091
1964	1,528,604	975,597	100,837	[2]	[2]	[2]	452,170
1965	1,816,171	1,094,963	126,196	[2]	[2]	[2]	595,012
1966	2,163,504	1,252,146	114,767	[2]	365,560	[2]	431,031
1967	2,323,795	1,301,242	111,309	[2]	447,236	[2]	464,008
1968	2,349,817	1,398,305	96,148	[2]	440,895	[2]	414,469
1969	2,361,399	1,474,681	54,516	[2]	436,270	[2]	395,932
1970	2,187,579	1,446,618	44,778	[2]	429,408	[2]	266,775
1971	2,343,129	1,551,391	29,942	28,729	421,029	99,669	212,369
1972	2,599,111	1,853,085	36,917	26,341	387,888	83,288	211,592
1973	2,464,362	1,870,690	43,338	13,372	287,210	38,964	210,788
1974	2,736,984	2,085,204	29,009	3,506	326,600	86,974	205,691
1975	2,805,877	2,246,182	44,787	5,026	201,273	46,353	262,256
1976	2,959,656	2,430,970	23,899	3,210	174,871	74,483	252,223
1977	3,351,337	2,803,017	36,471	3,282	184,671	75,928	247,968
1978	3,962,500	3,388,438	34,328	4,906	205,925	74,398	254,505
1979	4,473,529	3,874,384	32,068	6,743	204,866	92,483	262,985
1980	4,790,972	4,160,543	37,780	3,776	210,121	91,541	287,211
1981	5,062,856	4,410,931	27,694	4,563	205,448	92,721	321,499
1982	5,179,610	4,554,475	31,200	829	176,582	80,137	336,387
1983	5,680,699	5,024,398	37,547	2,522	189,616	94,847	331,769
1984	6,308,014	5,448,821	49,764	1,889	194,895	112,588	500,057
1985	7,257,862	6,246,181	113,932	4,947	253,082	119,171	520,549
1986	7,431,574	6,457,445	105,827	4,990	246,196	111,130	505,986
1987	8,568,168	7,241,885	229,875	13,722	290,942	236,933	554,811
1988	9,137,346	7,720,306	202,907	13,345	309,348	171,826	719,614
1989	10,077,277	8,525,212	237,010	16,911	340,458	197,745	759,941
1990	10,463,379	9,009,235	141,651	19,241	393,820	143,917	755,515
1991	11,846,621	10,031,252	163,059	32,792	469,297	192,823	957,398
1992	12,762,798	10,851,509	209,173	38,983	511,127	160,166	991,840
1993	12,760,836	10,951,143	259,421	33,247	526,331	66,827	923,867
1994	13,780,138	11,811,097	216,558	48,734	633,228	136,555	933,966
1995	14,361,383	12,081,192	341,343	51,581	674,464	263,992	948,811
1996	14,337,901	12,235,569	248,222	49,023	636,291	209,837	958,959

[1] See Technical Notes, "Scope of Survey."

[2] Not separately identified, but included under "Other S&E activities."

NOTE: Some trend shifts are related to institutional reclassification. Beginning in fiscal year 1978 two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are included in the academic figures beginning in fiscal year 1978. Similarly, Draper Laboratories separated from the Massachusetts Institute of Technology (MIT) as of fiscal year 1974 to become an independent nonprofit institution; data for this laboratory are included in MIT's figures prior to fiscal year 1974.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-96

[Millions of dollars]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS	HUD
	Total										
1963	1,328.5	104.0	1.8	218.0	NA	NA	76.1	NA	NA	581.0	NA
1964	1,528.6	115.0	1.7	258.1	NA	NA	79.9	NA	NA	683.8	NA
1965	1,816.2	135.6	2.6	267.9	NA	NA	84.4	NA	NA	856.5	NA
1966	2,163.5	141.0	2.8	278.0	NA	NA	96.9	NA	NA	1,109.2	NA
1967	2,323.8	144.8	4.4	264.1	NA	NA	109.6	NA	NA	1,251.0	NA
1968	2,349.8	144.2	8.0	243.1	12.5	NA	119.7	NA	NA	1,229.4	1.7
1969	2,361.4	155.9	2.2	278.7	9.3	NA	121.0	NA	NA	1,261.8	1.1
1970	2,187.6	182.1	3.9	265.5	18.9	NA	114.5	NA	NA	1,036.7	.5
1971	2,343.1	214.6	7.6	249.0	16.4	NA	105.8	27.2	NA	1,142.3	.7
1972	2,599.1	238.6	26.0	243.9	8.3	NA	95.4	23.3	NA	1,318.4	1.5
1973	2,464.4	256.8	28.4	232.9	8.7	NA	96.2	27.7	NA	1,225.0	.9
1974	2,737.0	260.7	29.4	184.4	4.1	NA	99.5	30.9	NA	1,515.4	.6
1975	2,805.9	290.7	25.8	190.5	NA	NA	124.3	38.8	NA	1,467.4	2.3
1976	2,959.7	328.6	38.2	211.9	NA	NA	144.1	33.0	NA	1,522.2	1.4
1977	3,351.3	343.2	32.5	267.3	NA	NA	208.1	46.3	NA	1,686.5	4.3
1978	3,962.5	391.7	35.9	452.3	NA	NA	267.2	57.4	NA	1,900.8	10.5
1979	4,473.5	422.5	48.0	528.7	NA	NA	273.9	66.9	NA	2,216.0	4.0
1980	4,791.0	444.1	51.6	555.9	NA	48.0	309.6	81.5	NA	2,281.1	4.3
1981	5,062.9	491.4	51.8	726.0	NA	56.1	310.4	67.5	NA	2,363.6	3.0
1982	5,179.6	529.7	40.6	857.3	NA	35.6	288.2	83.8	NA	2,332.8	2.6
1983	5,680.7	566.0	51.0	940.3	NA	34.9	320.0	50.3	NA	2,602.2	1.5
1984	6,308.0	607.4	105.8	954.6	NA	43.6	348.4	51.9	NA	2,934.1	.2
1985	7,257.9	652.8	81.2	1,061.1	NA	69.6	451.7	65.2	NA	3,440.0	.2
1986	7,431.6	620.7	70.3	1,206.2	NA	74.0	420.5	70.8	NA	3,536.0	.1
1987	8,568.2	674.7	88.8	1,278.5	NA	280.8	475.2	74.3	NA	4,195.3	.1
1988	9,137.3	741.7	81.4	1,377.4	NA	255.6	536.4	66.2	NA	4,486.2	--
1989	10,077.3	721.7	74.0	1,486.4	NA	269.6	566.4	85.8	NA	4,916.8	.0
1990	10,463.4	762.1	110.4	1,342.2	NA	260.1	556.5	93.6	16.8	5,200.7	.1
1991	11,846.6	867.5	121.9	1,539.6	NA	354.1	662.0	115.9	11.3	5,769.0	--
1992	12,762.8	948.8	129.2	1,509.7	NA	402.3	706.7	150.0	4.5	6,214.4	.2
1993	12,760.8	948.3	109.8	1,834.1	NA	156.4	736.8	152.7	.0	6,023.1	.4
1994	13,780.1	945.2	163.0	1,889.0	NA	170.9	636.1	144.6	.2	6,890.1	.8
1995	14,361.4	952.5	175.8	1,850.9	NA	187.9	636.8	164.5	5.1	7,035.8	1.7
1996	14,337.9	883.4	201.9	1,782.4	NA	175.3	655.8	102.9	.1	7,336.0	1.9

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-96

[Millions of dollars]

Fiscal year	Int	AID [3]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
	Total								
1963	3.8	NA	NA	NA	87.4	256.3	NA	NA	NA
1964	5.0	NA	NA	NA	107.6	277.5	NA	NA	NA
1965	9.6	NA	NA	NA	134.3	325.2	NA	NA	NA
1966	19.0	NA	NA	NA	142.2	374.5	NA	NA	NA
1967	23.9	NA	NA	NA	131.5	394.5	NA	NA	NA
1968	28.2	NA	NA	6.6	129.8	422.8	NA	NA	3.7
1969	24.3	3.9	NA	9.1	127.2	367.0	NA	NA	NA
1970	27.7	5.5	NA	3.5	131.2	387.4	NA	NA	10.1
1971	22.6	19.1	NA	5.2	134.1	387.7	NA	NA	10.8
1972	24.3	18.7	NA	7.3	119.0	458.7	NA	NA	15.9
1973	23.7	10.7	NA	6.3	111.4	419.6	NA	NA	15.9
1974	23.8	19.9	NA	7.1	98.9	449.6	NA	NA	12.8
1975	28.8	12.4	NA	5.5	108.0	490.5	**	NA	20.8
1976	28.2	13.5	NA	4.5	118.9	496.3	3.2	NA	15.7
1977	29.5	24.4	NA	7.2	121.0	565.8	4.5	NA	10.9
1978	42.5	28.1	NA	12.6	130.5	607.1	8.4	NA	17.5
1979	40.1	28.5	NA	11.1	143.9	671.6	6.9	NA	11.4
1980	42.4	38.6	NA	10.3	171.2	726.4	7.0	NA	19.1
1981	34.2	31.3	NA	12.8	183.5	695.1	7.4	NA	28.5
1982	28.3	50.4	NA	8.4	176.9	728.1	5.0	NA	12.0
1983	32.0	43.4	NA	6.4	203.8	798.8	4.7	NA	25.4
1984	32.2	56.3	NA	3.1	216.6	935.6	4.6	NA	13.6
1985	33.1	57.0	NA	3.4	251.0	1,078.7	5.4	NA	7.6
1986	40.9	44.3	NA	3.7	270.3	1,056.5	3.8	NA	13.6
1987	39.4	53.3	NA	8.3	309.8	1,070.2	3.9	NA	15.3
1988	41.6	48.5	NA	8.0	363.7	1,102.9	3.6	NA	24.2
1989	56.2	65.3	NA	6.5	461.9	1,337.3	4.3	NA	25.1
1990	60.5	47.4	NA	8.6	511.3	1,446.0	4.6	NA	42.6
1991	82.8	31.9	NA	5.8	592.9	1,642.3	5.4	NA	44.1
1992	79.7	27.6	NA	9.2	685.3	1,831.0	5.9	NA	58.3
1993	77.7	11.5	NA	6.6	729.9	1,870.0	4.8	NA	98.8
1994	64.3	12.8	NA	4.8	741.5	2,043.4	6.3	NA	67.0
1995	54.5	167.6	NA	6.0	824.7	2,211.3	6.0	NA	80.3
1996	44.6	107.7	9.9	5.8	757.9	2,205.7	3.8	0.7	62.2

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-96

[Millions of dollars]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS	HUD
	Research and development										
1963	829.5	40.6	1.5	218.0	NA	NA	68.3	NA	NA	332.9	NA
1964	975.6	47.5	1.1	258.1	NA	NA	70.5	NA	NA	399.2	NA
1965	1,095.0	59.1	2.1	267.9	NA	NA	74.8	NA	NA	441.9	NA
1966	1,252.1	62.9	2.1	278.0	NA	NA	83.2	NA	NA	507.3	NA
1967	1,301.2	64.0	3.4	264.1	NA	NA	89.7	NA	NA	577.0	NA
1968	1,398.3	62.2	6.7	243.1	12.5	NA	101.8	NA	NA	619.1	1.0
1969	1,474.7	63.6	1.7	278.7	9.3	NA	103.1	NA	NA	667.1	1.0
1970	1,446.6	67.4	3.2	265.5	18.9	NA	101.4	NA	NA	614.9	.5
1971	1,551.4	74.8	6.9	249.0	16.4	NA	95.9	17.0	NA	695.7	.7
1972	1,853.1	88.6	23.6	243.9	8.3	NA	86.9	17.7	NA	879.3	1.5
1973	1,870.7	93.8	24.9	232.9	8.7	NA	85.2	18.6	NA	903.8	.9
1974	2,085.2	96.7	26.6	184.4	3.4	NA	94.6	24.1	NA	1,129.0	.6
1975	2,246.2	110.5	22.2	190.5	NA	NA	119.2	33.8	NA	1,205.3	2.3
1976	2,431.0	124.2	29.0	211.9	NA	NA	138.1	29.3	NA	1,296.2	1.4
1977	2,803.0	142.2	32.2	267.3	NA	NA	187.2	45.0	NA	1,452.1	4.3
1978	3,388.4	175.3	35.0	452.3	NA	NA	251.1	53.8	NA	1,657.6	10.5
1979	3,874.4	193.8	46.5	528.7	NA	NA	256.4	61.1	NA	1,966.5	4.0
1980	4,160.5	211.8	50.4	555.9	NA	48.0	279.6	76.9	NA	2,025.6	4.3
1981	4,410.9	241.4	51.1	700.5	NA	56.1	281.8	64.2	NA	2,112.8	3.0
1982	4,554.5	256.5	39.7	813.7	NA	35.6	265.2	78.1	NA	2,110.6	.5
1983	5,024.4	273.9	50.1	913.4	NA	34.9	296.6	45.3	NA	2,360.3	1.1
1984	5,448.8	273.0	75.6	827.8	NA	43.6	317.1	47.3	NA	2,681.4	.2
1985	6,246.2	300.4	79.7	908.9	NA	69.6	373.1	61.9	NA	3,098.6	.2
1986	6,457.4	290.1	68.3	1,055.0	NA	72.2	346.9	67.9	NA	3,212.1	.1
1987	7,241.9	296.0	87.6	1,098.9	NA	85.2	371.7	67.1	NA	3,835.3	.1
1988	7,720.3	321.3	75.8	1,194.2	NA	69.6	407.9	64.1	NA	4,128.3	..
1989	8,525.2	336.0	66.0	1,220.6	NA	68.6	449.8	77.5	NA	4,512.6	.0
1990	9,009.2	349.1	97.3	NA	NA	71.1	497.1	87.1	0	4,776.8	.1
1991	10,031.3	408.8	61.9	NA	NA	94.5	613.9	104.3	0	5,305.0	..
1992	10,851.5	469.3	66.9	NA	NA	104.6	633.5	135.4	0	5,788.4	.2
1993	10,951.1	468.2	58.4	NA	NA	94.8	602.7	142.6	0	5,609.9	.4
1994	11,811.1	474.7	84.2	NA	NA	49.2	603.2	134.6	0	6,402.4	.8
1995	12,081.2	446.1	95.1	NA	NA	67.5	602.6	148.7	0	6,511.1	1.7
1996	12,235.6	395.4	106.1	NA	NA	68.6	632.7	89.2	0	6,794.1	1.9
	DoD research only [4]										
1990	NA	NA	NA	720.6	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	840.5	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	838.9	NA	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	1,130.0	NA	NA	NA	NA	NA	NA	NA
1994	NA	NA	NA	1,255.9	NA	NA	NA	NA	NA	NA	NA
1995	NA	NA	NA	1,106.3	NA	NA	NA	NA	NA	NA	NA
1996	NA	NA	NA	1,131.5	NA	NA	NA	NA	NA	NA	NA
	DoD development only [4]										
1990	NA	NA	NA	476.3	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	482.7	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	475.5	NA	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	456.9	NA	NA	NA	NA	NA	NA	NA
	DoD advanced technology development [4]										
1994	NA	NA	NA	157.5	NA	NA	NA	NA	NA	NA	NA
1995	NA	NA	NA	152.9	NA	NA	NA	NA	NA	NA	NA
1996	NA	NA	NA	179.9	NA	NA	NA	NA	NA	NA	NA
	DoD major systems development [4]										
1994	NA	NA	NA	187.2	NA	NA	NA	NA	NA	NA	NA
1995	NA	NA	NA	350.4	NA	NA	NA	NA	NA	NA	NA
1996	NA	NA	NA	286.1	NA	NA	NA	NA	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-96

[Millions of dollars]

Fiscal year	Int	AID [3]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
	Research and development								
1963	3.8	NA	NA	NA	59.8	104.6	NA	NA	NA
1964	5.0	NA	NA	NA	78.2	115.8	NA	NA	NA
1965	9.5	NA	NA	NA	100.6	139.2	NA	NA	NA
1966	18.7	NA	NA	NA	107.4	192.5	NA	NA	NA
1967	23.9	NA	NA	NA	109.0	170.2	NA	NA	NA
1968	27.8	NA	NA	6.6	126.1	187.7	NA	NA	3.7
1969	23.5	3.9	NA	9.1	122.3	191.5	NA	NA	NA
1970	27.1	5.5	NA	3.5	127.4	201.2	NA	NA	10.1
1971	21.3	17.1	NA	3.3	128.5	216.9	NA	NA	8.0
1972	23.0	13.5	NA	7.3	112.4	334.7	NA	NA	12.4
1973	22.2	8.4	NA	5.0	102.6	348.5	NA	NA	15.2
1974	22.2	18.4	NA	5.6	92.0	376.1	NA	NA	11.5
1975	27.2	8.3	NA	4.0	100.2	404.6	.0	NA	18.1
1976	25.7	10.7	NA	3.0	106.8	436.6	3.2	NA	14.9
1977	27.4	20.2	NA	7.2	113.7	491.0	3.8	NA	9.6
1978	34.3	24.9	NA	12.6	124.7	531.5	8.4	NA	16.4
1979	35.3	28.0	NA	11.1	137.2	587.8	6.5	NA	11.4
1980	38.8	38.6	NA	10.3	161.3	633.9	6.1	NA	19.1
1981	30.2	31.3	NA	12.8	173.9	616.8	7.0	NA	27.8
1982	21.5	50.4	NA	8.4	167.7	689.8	5.0	NA	11.7
1983	20.8	43.4	NA	6.4	189.4	759.1	4.7	NA	25.1
1984	32.2	56.3	NA	3.1	203.8	869.6	4.6	NA	13.2
1985	32.9	57.0	NA	3.4	237.3	1,011.1	4.9	NA	7.2
1986	40.9	44.3	NA	3.7	254.0	984.6	3.8	NA	13.3
1987	39.4	53.3	NA	8.3	293.6	988.2	3.9	NA	13.2
1988	39.1	48.5	NA	8.0	339.5	999.2	3.6	NA	21.3
1989	52.8	65.3	NA	6.5	435.7	1,207.6	4.3	NA	21.9
1990	57.8	47.4	NA	8.6	470.7	1,305.5	4.6	NA	39.2
1991	70.2	31.9	NA	5.8	533.7	1,438.6	5.4	NA	33.9
1992	67.6	27.6	NA	9.0	587.3	1,605.0	5.9	NA	36.4
1993	69.8	11.5	NA	6.2	602.2	1,616.6	4.8	NA	75.9
1994	63.8	12.8	NA	4.5	635.9	1,680.5	6.3	NA	57.5
1995	54.0	25.4	NA	5.9	702.0	1,733.1	6.0	NA	72.4
1996	43.4	20.0	9.5	5.8	673.1	1,738.1	3.8	0.7	55.8

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-96

[Millions of dollars]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS	HUD
	R&D plant [1]										
1963	105.9	0	0	0	NA	NA	2.6	NA	NA	39.2	NA
1964	100.8	0	0	0	NA	NA	4.0	NA	NA	39.9	NA
1965	126.2	3.2	0	0	NA	NA	3.8	NA	NA	54.8	NA
1966	114.8	2.0	0	0	NA	NA	7.4	NA	NA	48.5	NA
1967	111.3	2.0	0.3	0	NA	NA	13.8	NA	NA	38.1	NA
1968	96.1	1.9	2	0	0	NA	11.9	NA	NA	36.9	0
1969	54.5	1.2	0	0	0	NA	11.4	NA	NA	20.5	0
1970	44.8	1.1	**	0	0	NA	7.1	NA	NA	20.0	0
1971	29.9	0	0	0	0	NA	4.8	0	NA	15.2	0
1972	36.9	0	0	0	0	NA	4.1	0	NA	22.2	0
1973	43.3	0	3	0	0	NA	5.6	0	NA	26.7	0
1974	29.0	0	0	0	0	NA	4.2	0	NA	14.5	0
1975	44.8	0	0	0	NA	NA	4.2	0	NA	22.9	0
1976	23.9	0	1.0	0	NA	NA	5.6	0	NA	11.4	0
1977	36.5	0	0	0	NA	NA	17.5	0	NA	11.1	0
1978	34.3	0	0	0	NA	NA	13.4	**	NA	9.9	0
1979	32.1	0	0	0	NA	NA	9.1	0	NA	7.5	0
1980	37.8	0	0	0	NA	0	20.6	0	NA	4.4	0
1981	27.7	0	0	1.1	NA	0	19.6	0	NA	2.0	0
1982	31.2	0	0	.5	NA	0	18.8	1.4	NA	5.4	0
1983	37.5	9.6	0	0	NA	0	17.2	.1	NA	1.5	0
1984	49.8	9.6	0	0	NA	0	29.5	.1	NA	.7	0
1985	113.9	9.6	0	**	NA	0	77.7	.1	NA	11.4	0
1986	105.8	9.1	1.2	0	NA	1.8	73.0	0	NA	4.2	0
1987	229.9	65.4	1	0	NA	49.2	102.9	0	NA	4.2	0
1988	202.9	68.0	0	0	NA	1.3	127.7	0	NA	0	0
1989	237.0	31.1	1.2	57.9	NA	1.3	115.5	0	NA	22.0	0
1990	141.7	45.1	1	0	NA	0	57.2	0	16.8	13.7	0
1991	163.1	58.3	3	14.7	NA	2.1	41.4	0	11.3	25.5	0
1992	209.2	58.3	2	0	NA	.4	63.7	0	4.5	17.2	0
1993	259.4	55.1	4	0	NA	0	120.2	0	0	10.6	0
1994	216.6	38.9	3	3	NA	0	24.8	0	.2	16.3	0
1995	341.3	66.9	2.0	5.8	NA	0	15.5	0	5.1	12.3	0
1996	248.2	51.0	0	2.3	NA	0	16.4	0	1	17.7	0
	Facilities for instruction in S&E										
1971 [3]	28.7	0.3	0	0	0	NA	2.3	0	NA	13.9	0
1972	26.3	.5	0	0	0	NA	1.9	0	NA	20.9	0
1973	13.4	0	0	0	0	NA	2.3	0	NA	9.4	0
1974	3.5	0	0	0	0	NA	0	0	NA	.4	0
1975	5.0	0	0.1	0	NA	NA	0	0	NA	4.9	0
1976	3.2	0	3	0	NA	NA	0	0	NA	0	0
1977	3.3	0	0	0	NA	NA	.4	0	NA	0	0
1978	4.9	0	0	0	NA	NA	1.3	0	NA	0	0
1979	6.7	0	0	0	NA	NA	3.5	0	NA	0	0
1980	3.8	0	0	0	NA	0	.9	0.1	NA	0	0
1981	4.6	0	0	0.2	NA	0	1.1	**	NA	0	0
1982	.8	0	0	**	NA	0	.8	0	NA	0	0
1983	2.5	0	0	**	NA	0	2.3	.2	NA	0	0
1984	1.9	0	1.6	.3	NA	0	0	0	NA	0	0
1985	4.9	0	0	0	NA	0	0	0	NA	0	0
1986	5.0	0	0	0	NA	0	0	0	NA	0	0
1987	13.7	0	0	0	NA	5.0	0	0	NA	0	0
1988	13.3	0	2.5	0	NA	0	0	0	NA	0	0
1989	16.9	0	1.6	[illegible]	NA	0	0	0	NA	0	0
1990	19.2	0	4.5	0	NA	0	0	0	0	0	0
1991	32.8	0	4.7	1	NA	0	0	0	0	0	0
1992	39.0	.5	7.0	0	NA	0	1.3	0	0	0	0
1993	33.2	.9	4.0	0	NA	0	0	0	0	0	0
1994	48.7	.6	3.3	21.8	NA	0	0	0	0	0	0
1995	51.6	.6	3.3	29.8	NA	0	.2	0	0	0	0
1996	49.0	.8	11.0	18.7	NA	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-96

[Millions of dollars]

Fiscal year	Int	AID [3]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
	R&D plant [1]								
1963	0.1	NA	NA	NA	13.4	50.6	NA	NA	NA
1964	.0	NA	NA	NA	9.1	47.8	NA	NA	NA
1965	..	NA	NA	NA	8.4	56.0	NA	NA	NA
1966	.2	NA	NA	NA	7.4	49.3	NA	NA	NA
1967	0	NA	NA	NA	5.0	52.1	NA	NA	NA
1968	0	NA	NA	0	0	45.3	NA	NA	0
1969	..	0	NA	0	0	21.4	NA	NA	NA
1970	0	0	NA	0	0	16.5	NA	NA	0
1971	0	0	NA	0	.2	9.7	NA	NA	0
1972	0	0	NA	0	.6	10.0	NA	NA	0
1973	.2	0	NA	0	3.0	7.4	NA	NA	0
1974	0	0	NA	0	1	10.2	NA	NA	0
1975	0	0	NA	0	1	17.6	0	NA	0
1976	0	0	NA	0	1	5.9	0	NA	0
1977	0	0	NA	0	..	7.3	0	NA	0.5
1978	0	0	NA	0	0	11.0	0	NA	..
1979	0	0.5	NA	0	.2	14.7	0	NA	0
1980	0	0	NA	0	.2	12.6	0	NA	0
1981	.0	0	NA	0	1	4.9	0	NA	0
1982	0	0	NA	0	.2	4.9	0	NA	0
1983	0	0	NA	0	1.5	7.7	0	NA	0
1984	0	0	NA	0	.3	9.7	0	NA	0
1985	0	0	NA	0	.2	14.9	0	NA	0
1986	0	0	NA	0	.4	16.0	0	NA	0
1987	0	0	NA	0	.6	7.4	0	NA	0
1988	0	0	NA	0	.6	5.4	0	NA	0
1989	0	0	NA	0	1.2	6.7	0	NA	0
1990	0	0	NA	0	1.3	7.5	0	NA	0
1991	0	0	NA	0	.8	8.8	0	NA	0
1992	0	0	NA	0	1.1	63.8	0	NA	0
1993	0	0	NA	0	9.9	63.3	0	NA	0
1994	.1	0	NA	0	20.0	113.7	0	NA	2.0
1995	0	0	NA	0.1	15.8	216.8	0	NA	1.1
1996	0	0	0	0	0	159.6	0	0	1.2
	Facilities for instruction in S&E								
1971 [5]	0.1	0	NA	0	0	12.1	NA	NA	0
1972	0	0	NA	0	0	3.0	NA	NA	0
1973	.1	0	NA	0	0	1.6	NA	NA	0
1974	..	0	NA	0	0	3.1	NA	NA	0
1975	0	0	NA	0	0	..	0	NA	0
1976	0	0	NA	0	0	3.0	0	NA	0
1977	0	0	NA	0	0	2.9	0	NA	0
1978	..	0	NA	0	0	3.5	0	NA	0
1979	0	0	NA	0	0	3.2	0	NA	0
1980	0	0	NA	0	0	2.8	0	NA	0
1981	0	0	NA	0	0	3.2	0	NA	0
1982	0	0	NA	0	0	0	0	NA	0
1983	0	0	NA	0	0	0	0	NA	0
1984	0	0	NA	0	0	0	0	NA	0
1985	0	0	NA	0	0	4.8	0.1	NA	0
1986	0	0	NA	0	0	5.0	0	NA	0
1987	0	0	NA	0	0	8.7	0	NA	0
1988	.4	0	NA	0	0	10.4	0	NA	0
1989	0	0	NA	0	0	15.3	0	NA	0
1990	0	0	NA	0	0	14.7	0	NA	0
1991	0	0	NA	0	0	21.8	0	NA	6.2
1992	0	0	NA	0	0	21.2	0	NA	9.0
1993	0	0	NA	0	0	21.2	0	NA	7.1
1994	0	0	NA	0	0	20.2	0	NA	2.8
1995	0	0	NA	0	0	17.7	0	NA	0
1996	0	0.2	0	0	0	18.4	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-96

[Millions of dollars]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS	HUD
	Fellowships, traineeships, and training grants										
1966[5]	365.6	NA	.0	NA	NA	NA	3.2	NA	NA	289.9	NA
1967	447.2	NA	.0	NA	NA	NA	3.7	NA	NA	379.1	NA
1968	440.9	NA	.0	NA	.0	NA	3.6	NA	NA	387.0	NA
1969	436.3	NA	.0	NA	0	NA	5.5	NA	NA	375.7	NA
1970	429.4	NA	.0	NA	0	NA	5.0	NA	NA	369.6	NA
1971	421.0	0	**	.0	.0	NA	2.6	10.1	NA	361.4	.0
1972	387.9	0	0.4	.0	0	NA	2.0	5.6	NA	346.6	0
1973	287.2	0	.6	0	.0	NA	2.3	9.2	NA	256.8	0
1974	326.6	0	**	0	0.7	NA	.5	6.8	NA	301.5	0
1975	201.3	.0	**	0	NA	NA	.7	5.0	NA	181.7	0
1976	174.9	0	0	0	NA	NA	.1	3.6	NA	155.6	0
1977	184.7	0	.0	0	NA	NA	.2	1.3	NA	165.9	0
1978	205.9	0	0	0	NA	NA	.7	3.6	NA	184.2	0
1979	204.9	0	0	0	NA	NA	1.9	4.5	NA	182.3	0
1980	210.1	0	.0	0	NA	.0	0	4.5	NA	187.6	0
1981	205.4	0	0	0	NA	0	0	2.4	NA	183.5	0
1982	176.6	0	.0	0	NA	0	.3	2.5	NA	151.9	0
1983	189.6	0.2	.2	0.7	NA	.0	.2	2.6	NA	164.0	0
1984	194.9	.2	.1	0	NA	0	.6	1.8	NA	164.6	0
1985	253.1	7.0	.1	.8	NA	0	.4	2.1	NA	210.9	0
1986	246.2	4.7	.0	.5	NA	.0	.5	2.8	NA	204.3	.0
1987	290.9	4.7	.6	2.3	NA	11.8	.6	1.8	NA	232.5	0
1988	309.3	4.6	2.6	1.5	NA	13.5	.7	2.0	NA	239.3	0
1989	340.5	4.6	1.2	.1	NA	22.9	.9	8.3	NA	256.2	0
1990	393.8	7.8	.7	1	NA	28.5	1.6	3.5	0	288.9	0
1991	469.3	10.9	3.9	1.3	NA	53.9	6.7	8.0	0	313.2	0
1992	511.1	11.9	4.0	2.7	NA	63.8	8.1	10.6	0	320.3	0
1993	526.3	10.8	2.1	2.2	NA	57.7	13.8	8.1	0	335.4	0
1994	633.2	10.8	4.7	25.9	NA	99.0	1.9	9.2	0	387.7	0
1995	674.5	15.7	3.9	4.4	NA	96.3	2.9	15.8	0	418.2	0
1996	636.3	15.0	4.9	7.4	NA	80.7	.5	13.7	0	421.7	0
	General support for S&E										
1971[5]	99.7	0	0.2	0	.0	NA	.0	.0	NA	40.2	0
1972	83.3	0	1.5	0	0	NA	0	0	NA	40.7	0
1973	39.0	0	0	0	0	NA	0	0	NA	20.2	0
1974	87.0	0	.5	0	.0	NA	0	0	NA	64.2	0
1975	46.4	0	1.8	0	NA	NA	.0	0	NA	37.3	0
1976	74.5	0	4.4	0	NA	NA	.0	0	NA	41.8	0
1977	75.9	0	0	0	NA	NA	2.5	0	NA	42.0	0
1978	74.4	0	0	0	NA	NA	.3	0	NA	45.0	0
1979	92.5	4.7	0	0	NA	NA	**	1.3	NA	52.8	0
1980	91.5	0	0	0	NA	0	5.6	.0	NA	60.1	0
1981	92.7	0	0	7.1	NA	0	.0	.9	NA	60.0	.0
1982	80.1	0	0	4.8	NA	.0	**	1.7	NA	61.3	2.0
1983	94.8	0	0	3.2	NA	**	3.7	1.6	NA	73.6	.4
1984	112.6	0	20.3	3.7	NA	0	.6	2.7	NA	83.9	.0
1985	119.2	0	**	1.8	NA	0	.4	1.1	NA	112.5	.0
1986	111.1	0	**	2.1	NA	0	0	0	NA	106.1	0
1987	236.9	0	0	5.9	NA	108.1	0	4.3	NA	113.1	0
1988	171.8	0	0	2.5	NA	54.8	.2	0	NA	109.0	0
1989	197.7	0	0	1.8	NA	80.2	0	0	NA	109.5	0
1990	143.9	0	1.0	0	NA	30.1	.5	3.1	0	102.2	0
1991	192.8	0	29.4	0	NA	32.1	.2	3.5	0	108.7	0
1992	160.2	9	28.2	0	NA	36.5	0	4.0	0	69.3	0
1993	66.8	8	15.0	**	NA	4.0	0	1.9	0	26.6	0
1994	136.6	3	43.1	2.8	NA	7.4	6.1	.9	0	63.5	0
1995	264.0	0	55.6	5.7	NA	6.2	15.5	0	0	58.7	0
1996	209.8	1	64.3	1.3	NA	5.9	5.7	0	0	62.0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-96

[Millions of dollars]

Fiscal year	Int	AID [3]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
	Fellowships, traineeships, and training grants								
1966[5]	0	NA	NA	NA	25.0	47.5	NA	NA	NA
1967	0	NA	NA	NA	15.0	49.4	NA	NA	NA
1968	0	NA	NA	0	.9	49.4	NA	NA	0
1969	0	NA	NA	0	1.3	53.8	NA	NA	NA
1970	0			0	2.1	52.7	NA	NA	0
1971	..	0	NA	0.6	1.0	42.3	NA	NA	2.8
1972	0	0	NA	0	1.1	28.8	NA	NA	3.5
1973	0	0	NA	0	1.3	16.4	NA	NA	.7
1974	0	0	NA	0	1.2	14.4	NA	NA	1.3
1975	0	0	NA	0	1.3	9.7	0	NA	2.7
1976	0	0	NA	0	1.3	13.4	..	NA	.8
1977	0	0	NA	0	1.4	14.8	0.1	NA	.8
1978	3.2	0.6	NA	0	1.3	11.7	..	NA	.6
1979	.3	0	NA	0	1.8	14.1	0	NA	0
1980	1.4	0	NA	0	2.8	13.8	0	NA	0
1981	.9	0	NA	0	3.7	14.8	1	NA	0
1982	0	0	NA	0	4.2	17.5	0	NA	.4
1983	0	0	NA	0	5.2	16.2	0	NA	.3
1984	0	0	NA	0	5.3	21.8	0	NA	.4
1985	0	0	NA	0	5.6	25.8	0	NA	.4
1986	0	0	NA	0	7.9	25.2	0	NA	.2
1987	0	0	NA	0	8.7	27.7	0	NA	.2
1988	0	0	NA	..	15.8	29.2	0	NA	0
1989	0	0	NA	..	13.0	33.0	0	NA	.2
1990	..	0	NA	0	21.7	41.0	0	NA	1
1991	0	0	NA	0	36.3	34.5	0	NA	.6
1992	0	0	NA	1	40.4	46.1	0	NA	3.0
1993	0	0	NA	.4	42.1	47.8	0	NA	5.9
1994	..	0	NA	.3	43.9	46.1	0	NA	3.7
1995	.2	2.8	NA	0	57.4	51.5	0	NA	5.3
1996	.6	.3	0.4	0	37.7	49.6	0	0	3.8
	General support for S&E								
1971[5]	1.1	0	NA	1.2	0	56.9	NA	NA	0
1972	1.2	5.2	NA	0	0	34.7	NA	NA	0
1973	1.3	2.3	NA	.9	0	14.2	NA	NA	0
1974	1.6	1.5	NA	1.4	0	17.8	NA	NA	0
1975	1.6	4.2	NA	1.5	0	0	0	NA	0
1976	2.4	2.8	NA	1.5	0	21.6	0	NA	0
1977	1.8	4.1	NA	0	0	24.8	0.7	NA	0.3
1978	5.0	0	NA	0	0	23.8	0	NA	0
1979	4.4	0	NA	0	0	29.3	0	NA	0
1980	2.3	0	NA	0	0	23.2	4	NA	0
1981	3.1	0	NA	0	0	21.0	0	NA	.7
1982	6.8	0	NA	0	0	3.5	0	NA	0
1983	11.2	0	NA	0	0	1.2	0	NA	0
1984	0	0	NA	0	0	1.5	0	NA	0
1985	.3	0	NA	0	0	3.0	0	NA	0
1986	0	0	NA	0	0	2.8	0	NA	0
1987	0	0	NA	0	0	5.5	0	NA	0
1988	2.1	0	NA	0	0	3.4	0	NA	0
1989	3.3	0	NA	0	0	2.9	0	NA	0
1990	2.7	0	NA	0	0	4.3	0	NA	0
1991	12.5	0	NA	0	0	6.4	0	NA	1.5
1992	12.1	0	NA	0	0	7.7	0	NA	.8
1993	7.8	0	NA	0	0	9.8	0	NA	0
1994	.2	0	NA	0	0	12.1	0	NA	0
1995	0	107.3	NA	0	0	14.9	0	0	0
1996	0	57.1	0			13.3	0		

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-96

[Millions of dollars]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS	HUD
	Other S&E activities										
1963	393.1	63.4	0.3	0	NA	NA	5.3	NA	NA	208.9	NA
1964	452.2	67.5	.5	0	NA	NA	5.4	NA	NA	244.6	NA
1965	595.0	73.3	6	0	NA	NA	5.9	NA	NA	359.8	NA
1966	431.0	76.1	7	0	NA	NA	3.1	NA	NA	263.4	NA
1967	464.0	78.8	.7	0	NA	NA	2.5	NA	NA	256.7	NA
1968	414.5	80.1	1.0	0	0	NA	2.5	NA	NA	186.4	0.7
1969	395.9	91.1	.5	**	0	NA	1.0	NA	NA	198.4	1
1970	266.8	113.5	.7	**	0	NA	1.0	NA	NA	32.2	0
1971	212.4	139.5	.5	0	0	NA	.3	0	NA	15.9	0
1972	211.6	149.5	.6	0	0	NA	.5	0	NA	8.6	0
1973	210.8	163.0	2.7	0	0	NA	.8	0	NA	8.0	0
1974	205.7	164.0	2.2	0	0	NA	.2	0	NA	5.7	0
1975	262.3	180.2	1.7	0	NA	NA	.1	0	NA	15.3	0
1976	252.2	204.4	3.6	0	NA	NA	.3	0	NA	17.1	0
1977	248.0	201.0	.3	0	NA	NA	.3	0	NA	15.4	0
1978	254.5	216.4	.9	0	NA	NA	.3	0	NA	4.1	0
1979	263.0	224.0	1.5	0	NA	NA	3.0	0.1	NA	6.9	0
1980	287.2	232.3	1.2	0	NA	0	2.8	0	NA	3.4	0
1981	321.5	250.0	.7	17.1	NA	0	7.9	**	NA	5.3	0
1982	336.4	273.2	.8	38.2	NA	0	3.1	.2	NA	3.6	**
1983	331.8	282.3	.6	22.9	NA	0	**	.5	NA	2.8	**
1984	500.1	324.7	8.2	122.8	NA	0	.7	**	NA	3.5	0
1985	520.5	335.7	1.4	149.5	NA	0	.1	0	NA	6.5	0
1986	506.0	316.8	.8	148.5	NA	0	**	0	NA	9.1	0
1987	554.8	308.6	.6	171.4	NA	21.4	0	1.1	NA	10.3	0
1988	719.6	347.9	.5	179.3	NA	116.4	0	0	NA	9.6	0
1989	759.9	349.9	3.8	206.1	NA	96.6	.1	0	NA	16.5	0
1990	755.5	360.0	6.8	145.2	NA	130.4	0	0	0	19.2	0
1991	957.4	389.4	21.8	200.2	NA	171.6	0	1	0	16.6	0
1992	991.8	408.0	22.9	192.6	NA	197.0	0	1	0	19.2	0

See explanatory information, if any, and SOURCE at end of table

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-96

[Millions of dollars]

Fiscal year	Int	AID [3]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
	Other S&E activities								
1963	..	NA	NA	NA	14.1	101.1	NA	NA	NA
1964	..	NA	NA	NA	20.2	113.9	NA	NA	NA
1965	..	NA	NA	NA	25.4	130.1	NA	NA	NA
1966	0.2	NA	NA	NA	2.3	85.2	NA	NA	NA
1967	..	NA	NA	NA	2.4	122.8	NA	NA	NA
1968	4	NA	NA	0	2.8	140.5	NA	NA	..
1969	9	0	NA	0	3.7	100.2	NA	NA	NA
1970	6	0	NA	0	1.7	117.0	NA	NA	0
1971	0	2.0	NA	0.1	4.2	49.9	NA	NA	0
1972	0	0	NA	0	4.9	47.5	NA	NA	0
1973	0	0	NA	4	4.5	31.4	NA	NA	0
1974	0	0	NA	0	5.7	27.9	NA	NA	0
1975	0	0	NA	..	6.4	58.6	..	NA	0
1976	1	0	NA	0	10.7	16.0	0	NA	0
1977	3	0	NA	0	5.9	24.9	0	NA	0
1978	0	2.6	NA	0	4.4	25.6	0	NA	0.2
1979	0	0	NA	0	4.7	22.4	0.4	NA	0
1980	0	0	NA	0	6.9	40.2	5	NA	0
1981	..	0	NA	0	5.7	34.4	4	NA	..
1982	0	0	NA	0	4.8	12.4	0	NA	0
1983	..	0	NA	0	7.8	14.8	0	NA	0
1984	0	0	NA	..	7.1	33.0	0	NA	0
1985	0	0	NA	..	7.9	19.0	.3	NA	..
1986	0	0	NA	0	7.9	22.9	0	NA	..
1987	0	0	NA	0	6.9	32.7	0	NA	1.8
1988	0	0	NA	0	7.8	55.3	0	NA	2.9
1989	0	0	NA	0	12.0	71.8	0	NA	3.1
1990	0	0	NA	0	17.5	73.0	0	NA	3.3
1991	1	0	NA	0	22.1	132.1	0	NA	3.5
1992	0	0	NA	0	56.5	87.2	0	NA	8.3

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-96

[Millions of dollars]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS	HUD
	Other S&E activities										
1993	923.9	412.6	29.9	244.9	NA	0	0	0.1	0	40.5	0
1994	934.0	419.9	27.3	237.5	NA	15.3	0	0	0	20.2	0
1995	948.8	423.2	16.1	195.6	NA	17.9	0	0	0	35.3	0
1996	959.0	421.0	15.6	155.2	NA	20.1	0.4	0	0	40.6	0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-96

[Millions of dollars]

Fiscal year	Int	AID [3]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
	Other S&E activities								
1993	0	0	NA	**	75.7	111.2	0	NA	9.0
1994	0.2	0	NA	**	41.7	170.8	0	NA	1.0
1995	3	32.1	NA	0	49.5	177.3	0	NA	1.5
1996	6	30.2	0	0	47.1	226.7	0	0	1.4

1 See Technical Notes, "Scope of Survey."

2 Data shown for fiscal years 1963-74 and fiscal years 1975-77 represent obligations of the Atomic Energy Commission and the Energy Research and Development Administration, respectively.

3 The Agency for International Development (AID) continues its long term work on restructuring its internal database (a New Management System, NMS) which will integrate the agency's budget, programming, accounting and procurement systems. While parts of the NMS are currently working, the complete system should be in operation by the end of the calendar year 1997. As a result, AID's response to the fiscal year 1996 Federal support survey has again been produced using an interim reporting system as it was for the fiscal year 1995 survey. Any significant differences between AID's fiscal year 1996 and data prior to fiscal year 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the fiscal years 1995-96 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

4 Department of Defense (DoD) research is reported separately from DoD development. Fiscal year 1994 totals for the research and development portions are not comparable to other years. DoD was not able to provide comparable data. DoD states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-administered laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

5 Data collected before this year are not separately identified but are included under "Other S&E activities."

NOTES: Some trend shifts are related to institutional reclassification. Beginning in fiscal year 1978 two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are included in the academic figures beginning in fiscal year 1978. Similarly, Draper Laboratories separated from the Massachusetts Institute of Technology (MIT) as of fiscal year 1974 to become an independent nonprofit institution; data for this laboratory are included in MIT's figures prior to fiscal year 1974.

Because of rounding, detail may not add to totals.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
OEO = Office of Economic Opportunity
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
GSA = General Services Administration
HHS = Department of Health and Human Services
HUD = Department of Housing and Urban Development
Int = Department of the Interior
AID = Agency for International Development
OJP = Office of Justice Programs
Labor = Department of Labor
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
NRC = Nuclear Regulatory Commission
SSA = Social Security Administration
DOT = Department of Transportation
NA = Not available
** = Amount less than $50,000

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

Table B-3. Federal obligations for science and engineering to universities and colleges, by geographic division and State: fiscal years 1989-96

[Thousands of dollars]

Geographic division and State	1989	1990	1991	1992	1993	1994	1995	1996
United States, total	10,077,277	10,463,379	11,846,621	12,762,798	12,760,836	13,780,138	14,361,383	14,337,901
New England, total	1,050,489	1,080,855	1,185,425	1,275,161	1,299,847	1,306,735	1,367,171	1,363,976
Connecticut	212,825	211,615	227,412	248,516	250,160	258,838	257,297	271,161
Maine	13,472	14,400	14,106	16,970	21,683	22,603	19,188	17,013
Massachusetts	695,041	703,406	770,251	832,259	856,187	852,677	898,476	880,302
New Hampshire	40,744	56,636	62,151	72,279	69,370	64,945	70,108	77,345
Rhode Island	54,066	58,013	66,939	66,474	61,724	66,504	82,196	74,012
Vermont	34,341	36,785	44,566	38,663	40,723	41,168	39,906	44,143
Middle Atlantic, total	1,630,372	1,707,767	1,947,604	2,066,857	2,072,846	2,159,163	2,203,374	2,204,679
New Jersey	137,552	154,612	174,224	188,861	221,377	229,836	239,253	224,737
New York	953,671	963,060	1,053,273	1,128,862	1,063,211	1,133,658	1,131,894	1,140,506
Pennsylvania	539,149	590,095	720,107	749,134	788,258	795,669	832,227	839,436
East North Central, total	1,297,898	1,369,493	1,558,382	1,704,962	1,698,484	1,837,010	1,901,792	1,883,381
Illinois	376,132	388,966	426,257	449,800	457,248	505,357	522,998	521,388
Indiana	152,837	159,502	184,149	213,632	206,984	207,223	213,025	209,979
Michigan	293,996	316,276	361,114	417,688	419,055	434,712	454,575	454,959
Ohio	264,657	280,503	332,042	349,066	349,075	372,820	399,414	400,015
Wisconsin	210,276	224,246	254,820	274,776	266,122	316,898	311,780	297,040
West North Central, total	607,369	643,013	760,609	806,629	763,281	845,855	875,878	891,712
Iowa	123,733	130,267	152,203	156,468	155,770	176,787	164,793	168,947
Kansas	53,263	59,613	77,885	78,256	74,981	72,213	78,400	80,368
Minnesota	181,606	162,469	203,235	217,975	198,659	228,911	237,446	225,288
Missouri	178,844	197,703	215,486	238,633	228,849	261,191	275,488	293,247
Nebraska	36,412	46,698	59,568	61,427	50,635	55,397	61,222	65,110
North Dakota	21,944	34,656	38,145	39,002	37,833	33,600	40,895	39,418
South Dakota	11,567	11,607	14,087	14,868	16,554	17,756	17,634	19,334
South Atlantic, total	1,888,156	1,907,785	2,209,317	2,352,860	2,416,296	2,657,599	2,768,319	2,768,480
Delaware	21,066	22,553	24,797	34,409	33,391	38,350	41,704	42,632
District of Columbia	83,179	92,097	109,611	102,871	124,049	124,286	190,695	175,363
Florida	224,658	207,885	254,896	280,829	277,326	305,674	300,769	317,244
Georgia	218,107	201,000	262,536	288,647	266,716	316,753	338,035	324,462
Maryland	727,184	744,608	807,636	824,699	862,246	957,940	934,908	938,400
North Carolina	331,683	353,603	408,787	457,873	446,031	502,277	537,506	543,479
South Carolina	66,206	59,214	77,243	81,937	72,332	97,200	104,216	111,858
Virginia	182,738	195,492	217,570	232,805	254,000	260,451	271,378	260,816
West Virginia	33,335	31,333	46,241	48,790	80,205	54,668	49,108	54,226
East South Central, total	396,789	438,242	497,456	527,882	529,478	570,164	614,560	607,887
Alabama	146,708	154,052	187,193	194,806	198,489	213,484	238,045	237,514
Kentucky	52,185	58,015	62,736	73,289	77,035	83,986	86,526	88,395
Mississippi	55,340	62,282	62,751	65,775	72,145	72,304	76,945	74,365
Tennessee	142,556	163,893	184,776	194,012	181,809	200,390	213,044	207,613
West South Central, total	719,335	729,043	835,471	937,813	938,604	1,000,629	1,034,500	1,057,121
Arkansas	31,966	36,276	45,598	48,790	50,907	57,993	55,700	57,442
Louisiana	131,872	94,307	120,420	132,794	124,488	141,320	140,559	148,158
Oklahoma	51,175	51,831	57,937	78,347	66,190	77,412	78,336	79,505
Texas	504,322	546,629	611,516	677,882	697,019	723,904	759,905	772,016
Mountain, total	569,182	598,948	710,912	755,553	751,415	876,655	892,280	830,758
Arizona	125,424	128,532	147,587	160,176	159,712	197,769	203,561	182,895
Colorado	166,624	186,161	218,172	246,535	230,694	283,119	279,701	279,792
Idaho	18,473	15,077	26,653	20,403	21,564	26,520	20,515	18,838
Montana	15,688	19,210	23,923	29,024	30,408	34,996	36,572	38,938
Nevada	18,066	24,691	25,221	30,897	29,709	31,374	28,144	27,301
New Mexico	85,501	78,345	100,279	103,154	124,873	131,903	146,119	129,645
Utah	126,891	134,978	154,809	148,966	133,868	152,316	160,677	136,090
Wyoming	12,515	11,954	14,268	16,398	20,587	18,658	16,991	17,259

See explanatory information, if any, and SOURCE at end of table.

Table B-3. Federal obligations for science and engineering to universities and colleges, by geographic division and State: fiscal years 1989-96

[Thousands of dollars]

Geographic division and State	1989	1990	1991	1992	1993	1994	1995	1996
Pacific, total	1,878,974	1,931,058	2,094,372	2,283,125	2,241,109	2,461,643	2,641,963	2,664,563
Alaska	18,866	26,969	29,276	34,131	46,629	40,331	33,164	32,650
California	1,396,648	1,446,081	1,540,601	1,701,728	1,638,102	1,817,634	1,953,170	1,994,192
Hawaii	67,163	55,865	63,538	64,440	67,140	73,607	65,870	70,073
Oregon	139,654	124,739	149,258	157,461	159,671	163,577	189,418	173,839
Washington	256,643	277,404	311,699	325,365	329,567	366,494	400,341	393,809
Outlying Areas, total	38,713	57,175	47,073	51,956	49,476	64,685	61,546	65,344
American Samoa	660	1,223	1,291	1,223	1,233	1,299	1,311	1,173
Guam	2,669	3,091	3,262	2,883	3,334	3,427	4,256	3,696
Puerto Rico	31,638	48,968	38,504	43,481	39,690	54,812	50,195	55,739
Trust Territory of the Pacific Islands	1,663	1,835	1,933	1,964	2,247	2,323	2,584	2,731
Virgin Islands	2,083	2,058	2,083	2,405	2,972	2,824	3,200	2,005

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-4. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1996: fiscal years 1989-96

[Thousands of dollars]

Institution and ranking	1989	1990	1991	1992	1993	1994	1995	1996
Total, all institutions	10,077,277	10,463,379	11,846,621	12,762,798	12,760,836	13,780,138	14,361,383	14,337,901
1 Johns Hopkins University	604,567	607,259	649,007	660,675	701,118	764,035	729,177	729,447
2 University of Washington	222,126	243,031	272,312	280,054	279,854	309,555	339,521	347,511
3 Stanford University	265,282	273,428	259,929	270,056	268,673	282,549	298,139	317,932
4 U of Michigan	182,243	193,155	218,167	233,782	233,909	263,243	268,126	282,423
5 MA Inst of Technology	231,126	242,340	256,603	275,279	278,032	288,498	304,998	261,317
6 U of CA San Diego	176,420	174,762	195,440	214,975	217,412	245,663	256,022	257,234
7 Harvard University	161,251	165,736	181,438	198,310	187,932	210,011	219,207	242,078
8 U of Pennsylvania	145,478	157,169	186,678	193,366	201,928	209,073	225,052	240,764
9 U of CA San Francisco	171,384	180,398	191,275	209,671	187,663	217,505	215,359	235,123
10 U of WI Madison	171,168	177,043	205,012	222,225	216,290	238,375	241,743	231,138
Total 1st 10 institutions	2,331,045	2,414,321	2,615,861	2,758,393	2,772,811	3,028,507	3,097,344	3,144,967
11 Cornell University	181,592	185,443	200,805	218,653	216,662	221,549	240,922	230,700
12 U of CA Los Angeles	182,282	188,407	208,394	215,751	207,871	239,078	229,693	226,653
13 U of Minnesota	174,043	156,401	196,383	212,386	193,296	205,277	231,070	220,684
14 Yale University	162,017	157,955	171,710	190,388	182,404	200,781	195,677	211,947
15 Columbia U City New York	165,056	167,167	185,237	202,301	205,791	197,615	199,683	204,738
16 Washington University	115,160	129,031	138,696	148,036	144,275	165,336	176,962	198,854
17 U of Colorado	110,494	125,514	150,684	167,435	157,758	190,377	187,550	197,416
18 CA Inst of Technology	76,974	77,647	90,105	109,877	117,911	109,057	219,487	190,684
19 PA St U University Park	135,192	155,811	166,986	176,070	211,027	207,289	188,683	190,193
20 U of NC Chapel Hill	105,334	113,418	128,809	151,616	141,702	164,168	170,468	181,153
Total 1st 20 institutions	3,739,189	3,871,115	4,253,670	4,550,906	4,551,508	4,929,034	5,137,539	5,197,989
21 Duke University	117,850	125,861	141,811	151,091	148,467	165,501	166,348	176,225
22 U of Southern California	118,775	128,756	140,088	151,454	139,412	166,206	158,554	175,137
23 U of CA Berkeley	147,578	139,261	162,359	185,338	162,397	183,138	181,669	175,032
24 U of Pittsburgh	98,971	123,509	160,599	182,451	141,460	162,839	177,392	165,960
25 Case Western Reserve U	74,430	77,149	93,937	94,254	96,798	108,212	135,092	144,868
26 U of Alabama Birmingham	75,153	78,304	95,038	98,978	106,144	112,346	124,884	144,072
27 U of IL Urbana-Champaign	120,659	120,878	136,044	142,330	138,354	146,582	146,139	143,900
28 University of Arizona	92,224	101,897	108,050	122,617	121,173	157,866	152,633	136,358
29 University of Chicago	100,914	101,048	114,390	118,031	111,924	114,674	127,404	132,870
30 U of TX Austin	87,432	111,727	106,147	121,430	146,743	124,128	134,910	123,689
Total 1st 30 institutions	4,773,175	4,979,505	5,512,133	5,918,880	5,864,380	6,370,526	6,642,564	6,716,100
31 Northwestern University	64,214	68,236	74,318	87,189	90,920	106,116	111,808	119,313
32 University of Rochester	106,183	110,524	122,363	132,965	131,252	125,863	119,975	118,509
33 Ohio State U	86,055	93,961	99,596	109,520	104,677	114,754	116,027	111,069
34 U of CA Davis	64,271	71,992	84,517	97,005	92,923	104,100	105,559	110,268
35 University of Iowa	81,838	82,610	92,124	98,913	93,405	100,501	102,086	106,516
36 Boston University	66,235	65,164	73,893	85,250	107,392	84,504	92,687	105,366
37 U of MD College Park	70,824	78,072	89,084	88,783	85,762	97,519	105,431	103,473
38 University of Florida	70,706	68,732	79,467	109,895	95,933	93,659	98,120	103,097
39 Vanderbilt University	71,263	79,794	86,834	93,010	89,140	98,139	104,165	102,859
40 Indiana U	61,604	68,002	78,234	101,156	99,727	90,792	99,037	99,978
Total 1st 40 institutions	5,516,368	5,766,592	6,392,563	6,922,566	6,855,511	7,386,473	7,697,459	7,796,548
41 Carnegie Mellon U	60,277	52,344	55,474	67,580	78,287	70,030	83,276	99,441
42 Baylor Col of Medicine	72,715	76,110	87,593	89,304	92,755	104,211	91,209	98,072
43 Georgetown University	26,540	31,928	40,996	39,330	58,418	62,519	116,017	95,072
44 University of Utah	72,106	68,578	86,945	82,105	82,458	98,827	106,292	94,645
45 U of Virginia	57,292	66,690	76,251	86,007	86,929	84,111	88,949	94,205
46 Georgia Inst of Tech	72,655	56,308	84,402	73,285	62,680	89,839	100,650	92,333
47 NY University	82,947	80,795	92,019	102,009	82,332	98,086	90,914	90,290
48 U of TX SW Med Ctr Dals	52,642	54,616	59,837	63,950	65,314	77,368	78,776	88,488
49 Purdue University	75,869	76,256	80,046	89,844	89,920	97,505	89,885	88,311
50 Michigan State University	69,762	73,555	78,909	92,193	98,947	87,255	96,353	85,425
Total 1st 50 institutions	6,159,173	6,403,772	7,135,035	7,708,173	7,653,551	8,256,224	8,639,780	8,722,830

See explanatory information, if any, and SOURCE at end of table.

Table B-4. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1996: fiscal years 1989-96

[Thousands of dollars]

Institution and ranking	1989	1990	1991	1992	1993	1994	1995	1996
51 Emory University	48,030	51,169	61,596	68,164	67,482	78,294	84,828	85,362
52 University of Miami	63,781	67,130	74,377	75,488	69,919	88,931	86,753	84,325
53 SUNY at Stony Brook	44,406	50,890	54,173	61,976	62,504	66,489	75,876	82,702
54 Rutgers St U of NJ	44,785	52,623	59,594	72,384	83,554	82,084	88,466	78,378
55 Texas A&M U	65,185	69,374	78,795	90,540	90,697	88,221	94,190	78,296
56 Yeshiva University NY	75,132	72,469	77,415	77,808	67,942	76,114	69,095	78,018
57 NC State U at Raleigh	58,935	58,929	63,505	77,962	71,637	74,029	85,091	77,041
58 LA St U All Campuses	61,726	59,592	66,521	61,089	81,710	80,757	70,806	75,233
59 Princeton University	51,396	55,366	58,149	62,373	65,390	67,326	78,242	75,068
60 Oregon State University	56,010	50,803	61,191	63,157	65,161	67,954	84,067	72,435
Total 1st 60 institutions	6,728,559	6,992,117	7,790,351	8,419,114	8,379,547	9,026,423	9,457,194	9,509,688
61 U of MD Baltimore	35,918	42,798	51,061	54,644	52,466	64,373	69,262	71,966
62 U of Kentucky All Cmp	40,196	45,674	49,383	57,739	60,657	65,372	66,336	70,192
63 U of CA Irvine	50,199	57,166	55,090	66,369	64,050	69,565	71,578	69,861
64 U of TX Hlth Sci Houston	29,849	31,090	34,816	36,307	38,753	46,422	50,738	67,427
65 CUNY Mt Sinai Schl of Med	42,970	45,387	51,345	52,529	45,262	55,583	57,728	65,589
66 U of New Mexico	29,015	23,327	37,680	43,387	60,999	74,407	83,155	65,459
67 U of CA Santa Barbara	41,978	45,373	48,427	51,433	54,860	64,875	63,625	64,254
68 Colorado State University	42,603	47,205	51,700	60,151	53,956	67,000	66,739	61,751
69 U of IL Chicago	46,266	45,412	50,547	50,882	58,450	64,197	57,799	61,552
70 Virginia Poly Inst & St U	47,253	44,200	46,060	49,272	69,187	73,172	69,697	60,504
Total 1st 70 institutions	7,134,806	7,419,749	8,266,460	8,941,827	8,938,187	9,671,389	10,113,851	10,168,243
71 University of Georgia	59,715	53,809	58,205	62,610	68,307	66,867	60,943	60,129
72 Woods Hole Ocean Inst	69,486	53,690	54,118	75,329	66,821	68,281	69,967	59,812
73 Wayne State University	28,953	29,491	35,948	44,365	42,735	49,279	51,023	59,273
74 Iowa State University	39,047	45,737	52,611	52,299	58,267	72,201	58,831	58,975
75 Wake Forest University	28,512	30,149	39,585	40,480	42,526	56,784	54,109	58,588
76 U of Med & Dent of NJ	34,417	39,183	42,685	42,451	53,773	54,295	49,695	56,845
77 U of TX MD Anderson Cancr	29,202	31,805	36,001	41,546	43,219	49,500	46,712	56,618
78 U of Hawaii Manoa	54,518	46,354	50,302	49,505	55,880	58,741	54,819	55,420
79 U of Cincinnati	43,623	42,840	57,676	59,651	56,186	55,436	54,785	54,965
80 U of TX Hlth Sci S Anto	33,463	36,283	39,114	45,700	48,415	52,408	53,423	54,327
Total 1st 80 institutions	7,555,742	7,829,090	8,732,705	9,455,763	9,474,316	10,255,181	10,668,158	10,743,195
81 Oregon Hlth Sciences U	51,861	42,390	45,507	47,288	52,299	53,524	54,104	53,199
82 U of Connecticut	46,446	49,259	51,205	51,502	61,452	52,195	55,062	53,193
83 Thomas Jefferson U	21,242	23,353	27,711	34,914	39,635	47,199	50,211	52,837
84 Virginia Commonwealth U	45,692	45,376	49,198	48,580	44,029	45,647	51,554	50,761
85 University of Kansas	28,258	32,775	42,330	43,143	36,438	37,810	44,402	49,762
86 New Mexico St U	50,372	49,158	55,752	50,888	54,072	48,338	51,897	49,151
87 Florida State University	29,381	29,152	47,245	38,788	41,966	38,790	39,978	48,196
88 Rockefeller University	37,014	37,279	42,660	39,281	36,528	43,716	43,955	47,682
89 Dartmouth College	25,139	32,905	38,103	42,506	43,641	41,498	42,747	47,137
90 U of MA Worcester	0	0	0	38,955	36,639	38,872	38,928	46,969
Total 1st 90 institutions	7,891,147	8,170,737	9,132,416	9,891,608	9,921,015	10,702,770	11,140,996	11,242,082
91 U of Missouri Columbia	35,006	37,359	40,219	51,012	42,016	47,245	48,376	45,246
92 U of TX Med Brnch Galvstn	24,253	21,652	26,345	31,505	29,748	33,821	39,014	45,223
93 Tulane University	48,420	22,571	25,032	34,068	27,629	41,344	42,453	44,999
94 U of MA Amherst	0	0	0	37,549	40,237	41,682	48,416	44,157
95 SUNY at Buffalo	40,906	42,655	46,379	48,498	38,110	45,479	40,102	43,600
96 Brown University	35,604	37,066	39,803	40,877	36,887	39,692	45,911	43,093
97 University of Vermont	33,090	35,295	42,539	36,391	38,573	40,089	39,042	43,069
98 Tufts University	40,240	41,128	43,797	47,324	49,179	47,407	41,982	42,228
99 Medical U of S Carolina	20,646	14,438	25,924	26,545	21,696	29,826	32,224	42,120
100 U of Nebraska Lincoln	22,910	27,069	41,541	42,771	31,561	34,833	39,239	42,043
Total 1st 100 institutions	8,192,222	8,449,970	9,463,995	10,288,148	10,276,651	11,104,188	11,557,755	11,677,860

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-5. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1989-96

[Thousands of dollars]

Geographic division and State	1989	1990	1991	1992	1993	1994	1995	1996
United States, total	8,525,212	9,009,235	10,031,252	10,851,509	10,951,143	11,811,097	12,081,192	12,235,569
New England, total	941,872	971,467	1,055,261	1,133,617	1,166,063	1,177,898	1,212,080	1,195,942
Connecticut	188,744	189,462	198,672	220,981	216,577	232,159	230,908	246,182
Maine	9,090	10,152	9,740	10,363	13,572	14,184	13,730	10,694
Massachusetts	629,070	635,952	698,233	750,149	784,135	779,947	806,792	774,389
New Hampshire	37,007	52,386	55,501	62,852	62,959	60,228	62,006	68,951
Rhode Island	49,525	51,828	55,243	56,281	52,877	56,200	64,059	60,542
Vermont	28,436	31,687	37,872	32,991	35,943	35,180	34,585	35,184
Middle Atlantic, total	1,449,666	1,529,911	1,722,528	1,815,749	1,838,465	1,958,090	1,960,205	1,973,730
New Jersey	120,932	139,264	150,569	162,478	187,700	201,977	210,478	198,759
New York	843,497	851,970	917,093	977,850	941,053	1,027,710	1,011,069	1,017,749
Pennsylvania	485,237	538,677	654,866	675,421	709,712	728,403	738,658	757,222
East North Central, total	1,138,247	1,195,813	1,342,300	1,435,546	1,459,778	1,602,785	1,624,356	1,653,150
Illinois	324,405	335,877	362,336	376,278	402,193	440,447	440,551	452,314
Indiana	131,315	137,754	155,882	178,465	172,690	178,509	180,901	180,173
Michigan	259,265	274,026	313,736	340,042	342,039	379,950	387,633	404,031
Ohio	238,131	250,885	291,113	305,278	307,395	329,040	351,572	351,589
Wisconsin	185,131	197,271	219,233	235,483	235,461	274,839	263,699	265,043
West North Central, total	472,067	519,933	598,788	643,339	637,278	676,048	731,145	747,367
Iowa	103,214	106,735	124,814	129,974	133,621	142,777	138,805	138,843
Kansas	39,105	44,005	50,895	59,599	62,522	57,114	63,921	64,492
Minnesota	133,439	141,711	172,991	179,877	171,504	186,702	206,386	195,527
Missouri	150,269	169,883	181,893	204,302	197,457	219,456	239,357	257,908
Nebraska	27,462	29,379	42,824	40,868	41,148	40,217	45,424	50,809
North Dakota	11,715	22,429	18,666	21,408	21,027	19,210	27,499	31,259
South Dakota	6,861	5,791	6,705	7,311	9,999	10,572	9,753	8,529
South Atlantic, total	1,482,534	1,579,509	1,756,223	1,917,006	1,972,948	2,162,270	2,215,066	2,288,646
Delaware	17,593	19,074	19,688	28,597	26,469	29,711	32,058	32,940
District of Columbia	71,761	78,658	91,879	87,081	109,860	111,571	152,642	142,130
Florida	196,397	180,487	217,377	242,496	230,035	260,555	258,624	267,913
Georgia	183,963	176,210	193,805	217,915	217,533	232,274	254,093	255,638
Maryland	514,747	588,465	622,221	670,782	687,348	778,465	747,577	791,081
North Carolina	287,838	305,690	340,513	384,525	385,329	429,349	449,208	465,193
South Carolina	38,927	42,668	54,996	60,405	57,009	71,678	72,810	89,646
Virginia	156,216	166,017	182,033	196,532	221,063	223,428	228,276	218,386
West Virginia	15,092	22,240	33,711	28,673	38,302	25,239	19,778	25,719
East South Central, total	312,589	337,519	393,861	425,091	424,482	449,999	487,143	486,062
Alabama	123,373	129,563	155,818	165,643	160,946	178,955	200,910	200,324
Kentucky	37,620	38,098	46,190	56,162	58,818	62,716	62,595	69,256
Mississippi	36,227	36,134	42,970	43,814	51,507	46,853	48,750	46,010
Tennessee	115,369	133,724	148,883	159,472	153,211	161,475	174,888	170,472
West South Central, total	590,849	593,853	677,292	780,423	781,400	832,948	850,984	894,914
Arkansas	19,643	23,537	25,785	29,504	32,557	37,973	38,585	41,605
Louisiana	100,418	68,774	101,680	105,472	96,317	122,573	104,716	121,057
Oklahoma	30,968	35,607	33,148	53,111	45,137	45,510	51,180	49,049
Texas	439,820	465,935	516,679	592,336	607,389	626,892	656,503	683,203
Mountain, total	480,321	533,751	590,747	644,335	671,398	734,303	725,429	678,546
Arizona	103,319	115,683	126,362	137,286	144,435	176,936	176,480	155,644
Colorado	147,301	168,905	185,613	213,510	208,492	240,566	239,861	234,102
Idaho	10,424	10,381	13,694	14,904	16,546	19,124	14,846	12,560
Montana	10,414	13,041	16,216	18,835	24,400	25,295	24,101	26,089
Nevada	16,188	23,022	21,909	25,062	24,865	27,328	23,734	23,032
New Mexico	74,209	70,081	86,483	89,216	112,115	101,821	94,145	90,310
Utah	108,117	122,907	129,584	132,812	123,175	130,229	140,664	123,031
Wyoming	10,349	9,731	10,886	12,710	17,370	13,004	11,598	13,778

See explanatory information, if any, and SOURCE at end of table.

Table B-5. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1989-96

[Thousands of dollars]

Geographic division and State	1989	1990	1991	1992	1993	1994	1995	1996
Pacific, total	1,637,196	1,725,685	1,868,719	2,026,967	1,970,146	2,181,818	2,244,029	2,280,247
Alaska	15,111	25,060	25,441	27,870	34,282	35,757	25,033	23,984
California	1,258,906	1,316,685	1,398,653	1,547,318	1,466,615	1,627,637	1,668,420	1,720,015
Hawaii	47,913	48,231	47,291	49,794	53,615	62,203	55,895	57,299
Oregon	90,801	95,927	124,579	123,796	130,083	137,876	153,560	138,188
Washington	224,465	239,782	272,755	278,189	285,551	318,345	341,121	340,761
Outlying Areas, total	19,873	21,794	25,533	29,436	29,185	34,938	30,755	36,965
American Samoa	290	592	657	680	679	668	665	662
Guam	1,193	1,320	1,325	1,656	1,438	1,722	1,951	1,809
Puerto Rico	16,561	18,000	21,650	25,154	24,884	30,197	25,461	32,218
Trust Territory of the Pacific Islands	777	829	853	779	974	983	1,133	1,224
Virgin Islands	1,052	1,053	1,048	1,167	1,210	1,368	1,545	1,052

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-6. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1996: fiscal years 1989-96

[Thousands of dollars]

Institution and ranking	1989	1990	1991	1992	1993	1994	1995	1996
Total, all institutions	8,525,212	9,009,235	10,031,252	10,851,509	10,951,143	11,811,097	12,081,192	12,235,569
1 Johns Hopkins University[1]	411,879	469,544	490,893	534,128	543,894	612,691	569,329	611,683
2 University of Washington	203,691	217,214	245,288	245,428	246,035	276,260	299,704	309,853
3 Stanford University	239,847	247,992	237,842	246,589	249,575	262,438	266,744	294,859
4 U of Michigan	167,865	176,370	193,954	210,000	214,612	240,833	243,579	261,284
5 MA Inst of Technology	207,157	218,283	232,619	249,852	253,612	265,540	280,298	229,174
6 U of CA San Diego	166,543	164,774	183,659	202,477	204,063	228,856	239,249	226,260
7 U of CA San Francisco	159,027	167,270	178,698	195,178	175,443	204,404	201,770	219,100
8 U of Pennsylvania	132,805	142,509	169,352	178,002	187,281	190,296	202,252	218,840
9 U of CA Los Angeles	170,839	176,735	194,359	202,754	195,788	224,376	216,423	208,356
10 U of WI Madison	150,474	155,175	179,079	192,471	190,607	207,645	207,734	208,243
Total 1st 10 institutions	2,010,127	2,135,866	2,305,743	2,456,879	2,460,910	2,713,339	2,727,082	2,787,652
11 Harvard University	141,760	148,055	161,719	176,967	169,173	190,125	191,499	205,360
12 Yale University	146,245	142,483	152,513	172,304	169,151	182,754	179,542	197,207
13 U of Minnesota	128,727	137,458	168,854	177,237	167,387	179,501	202,791	192,556
14 Columbia U City New York	150,263	153,171	168,861	190,483	194,910	187,308	185,670	189,980
15 Washington University	102,974	117,907	125,282	134,336	133,210	149,860	165,373	186,572
16 Cornell University	139,954	144,749	156,151	162,331	174,182	194,484	202,194	178,194
17 U of Colorado	101,345	116,449	128,783	147,943	145,497	166,455	165,373	168,953
18 Duke University	108,611	116,109	128,098	139,868	138,839	154,649	154,998	164,886
19 U of NC Chapel Hill	95,025	100,183	111,501	130,245	129,075	146,161	156,302	164,603
20 U of Southern California	114,766	122,705	133,074	141,449	125,297	149,909	152,179	164,049
Total 1st 20 institutions	3,239,797	3,435,135	3,740,579	4,030,042	4,007,631	4,414,545	4,483,003	4,600,012
21 PA St U University Park	119,435	136,438	144,400	148,196	173,121	184,454	152,532	155,468
22 U of Pittsburgh	91,712	116,581	151,545	168,451	135,678	156,582	166,280	154,030
23 U of CA Berkeley	131,070	121,674	135,393	154,708	133,232	151,064	142,422	138,999
24 Case Western Reserve U	69,589	71,256	87,747	88,518	89,608	99,483	127,350	136,514
25 U of Alabama Birmingham	70,702	74,529	90,355	94,055	90,740	104,409	120,191	134,107
26 University of Arizona	82,913	92,824	95,206	106,234	107,832	144,036	137,077	120,770
27 University of Chicago	90,611	88,486	97,949	98,668	99,378	102,363	106,723	118,110
28 U of IL Urbana-Champaign	100,062	99,742	110,509	111,615	116,116	119,674	115,717	116,740
29 CA Inst of Technology	69,335	69,228	80,585	97,956	87,702	83,772	113,684	112,221
30 University of Rochester	98,550	102,453	103,510	103,020	98,935	108,638	107,604	110,951
Total 1st 30 institutions	4,163,776	4,408,346	4,837,778	5,201,463	5,139,973	5,669,020	5,772,583	5,897,922
31 Northwestern University	57,494	61,100	67,725	81,553	82,636	99,496	101,878	109,279
32 U of TX Austin	84,619	91,843	95,063	110,616	117,225	103,155	115,879	104,489
33 Carnegie Mellon U	57,605	50,025	50,167	63,586	74,865	66,468	80,327	97,078
34 U of CA Davis	60,100	68,859	79,199	90,507	84,495	98,856	98,936	95,968
35 University of Iowa	76,059	76,762	85,113	92,133	87,875	94,500	93,867	93,542
36 Boston University	60,029	59,380	67,153	79,255	102,642	77,844	86,090	92,900
37 Baylor Col of Medicine	69,499	72,260	82,849	84,947	88,276	98,514	84,076	92,211
38 Vanderbilt University	63,978	70,585	76,443	84,390	82,091	87,238	94,421	92,050
39 Ohio State U	72,702	80,066	82,106	90,466	84,141	93,611	96,455	91,088
40 Indiana U	55,449	61,435	69,205	88,348	81,374	82,946	89,030	90,158
Total 1st 40 institutions	4,821,310	5,100,661	5,592,801	6,067,264	6,025,593	6,571,648	6,713,542	6,856,685
41 University of Utah	61,361	65,250	71,966	76,441	77,407	84,896	93,783	88,622
42 U of MD College Park	60,252	64,723	72,115	71,901	76,326	80,617	92,754	88,507
43 U of TX SW Med Ctr Dals	48,591	50,504	55,878	60,673	61,269	72,361	75,607	84,331
44 NY University	77,761	75,749	86,150	96,349	77,694	92,767	85,543	84,169
45 U of Virginia	51,990	60,796	66,916	77,182	79,221	76,035	78,951	84,141
46 University of Florida	58,696	55,498	63,270	92,533	77,359	73,037	82,450	81,495
47 Emory University	45,840	49,581	57,385	65,424	64,526	75,391	75,763	80,249
48 University of Miami	60,135	63,707	68,511	71,329	67,315	83,694	80,703	76,826
49 SUNY at Stony Brook	41,251	45,868	50,403	57,915	58,590	61,832	70,047	75,718
50 Georgetown University	24,728	28,740	37,668	36,516	56,523	61,119	88,469	73,604
Total 1st 50 institutions	5,351,915	5,661,077	6,223,063	6,773,527	6,721,823	7,333,397	7,537,612	7,674,347

See explanatory information, if any, and SOURCE at end of table.

Table B-6. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1996: fiscal years 1989-96

[Thousands of dollars]

Institution and ranking	1989	1990	1991	1992	1993	1994	1995	1996
51 Yeshiva University NY	68,553	67,045	72,115	73,413	64,627	71,337	64,692	73,438
52 Purdue University	62,751	62,572	64,543	71,320	74,940	77,952	71,321	70,557
53 U of MD Baltimore	34,648	41,100	48,125	51,943	49,992	61,050	65,906	69,243
54 Georgia Inst of Tech	60,934	54,250	56,008	45,833	60,577	51,372	75,556	67,890
55 Princeton University	47,037	50,474	51,233	55,524	59,871	62,041	71,904	66,968
56 U of CA Irvine	47,303	53,429	51,046	63,114	61,567	66,191	67,079	66,462
57 Rutgers St U of NJ	36,241	44,642	45,852	57,574	70,118	65,676	71,530	65,769
58 U of TX Hlth Sci Houston	28,591	29,943	33,381	35,209	37,465	44,846	48,550	65,399
59 Michigan State University	54,382	56,619	62,793	70,861	67,733	68,484	69,265	64,492
60 CUNY Mt Sinai Schl of Med	40,873	43,954	50,037	51,178	43,638	53,533	54,403	62,386
Total 1st 60 institutions	5,833,228	6,165,105	6,758,196	7,349,496	7,312,351	7,955,879	8,197,818	8,346,951
61 LA St U All Campuses	39,088	40,886	55,952	46,287	58,296	67,984	51,701	60,706
62 U of CA Santa Barbara	37,444	41,661	44,469	49,055	51,464	60,008	59,684	59,855
63 Woods Hole Ocean Inst	67,289	50,751	50,891	72,601	61,399	66,791	67,124	57,968
64 U of IL Chicago	43,271	42,293	46,517	47,144	55,202	60,139	51,428	55,833
65 U of Kentucky All Cmp	28,829	29,288	35,914	45,221	46,594	48,581	47,985	55,713
66 U of TX MD Anderson Cancr	27,772	30,650	34,693	40,442	42,602	48,434	45,457	55,541
67 NC State U at Raleigh	43,466	43,900	43,697	55,133	50,708	51,205	59,933	55,116
68 Wayne State University	26,945	27,689	33,280	40,171	40,172	45,430	47,237	55,016
69 U of Med & Dent of NJ	32,369	38,066	41,465	41,046	41,788	52,020	46,067	53,851
70 Wake Forest University	27,314	29,019	35,224	36,901	37,768	51,789	49,485	53,342
Total 1st 70 institutions	6,207,015	6,539,308	7,180,298	7,823,497	7,798,344	8,508,260	8,723,919	8,909,892
71 Oregon State University	42,562	44,473	51,297	52,287	53,999	53,882	61,127	51,352
72 Texas A&M U	44,928	47,221	52,367	58,798	65,829	58,587	56,223	51,283
73 Colorado State University	36,120	40,820	43,671	50,514	46,365	56,550	53,950	51,266
74 U of TX Hlth Sci S Anto	31,534	33,306	36,999	44,186	44,987	48,910	50,347	50,446
75 Thomas Jefferson U	19,583	22,195	26,068	33,405	38,180	45,066	47,843	50,212
76 U of Cincinnati	40,996	38,364	51,490	53,039	51,936	52,371	51,186	49,925
77 Oregon Hlth Sciences U	23,231	25,344	43,481	35,293	37,898	48,890	48,090	46,810
78 Rockefeller University	35,586	35,423	39,718	37,512	35,184	42,406	42,702	46,029
79 Florida State University	28,021	27,531	45,334	36,794	26,847	37,801	37,630	45,296
80 Dartmouth College	24,065	31,409	36,042	40,035	41,349	40,051	40,684	44,900
Total 1st 80 institutions	6,533,641	6,885,394	7,606,765	8,265,360	8,240,918	8,992,774	9,213,701	9,397,411
81 U of MA Worcester	0	0	0	37,937	34,574	37,460	36,544	44,834
82 Virginia Commonwealth U	42,684	42,678	46,324	45,448	40,568	41,572	44,975	44,639
83 U of Hawaii Manoa	36,693	40,049	38,814	41,193	47,254	50,628	47,709	44,584
84 Virginia Poly Inst & St U	35,347	32,239	32,648	36,734	57,141	60,236	54,735	44,470
85 U of Connecticut	39,761	43,589	42,860	43,477	43,027	44,821	46,956	43,725
86 University of Kansas	23,380	27,212	28,341	34,480	33,531	34,887	38,777	43,347
87 Iowa State University	25,987	28,915	34,028	35,101	42,751	46,127	42,534	42,854
88 Tulane University	46,873	21,729	24,276	33,039	27,238	40,907	37,440	42,068
89 University of Georgia	45,627	39,759	42,455	46,752	52,029	48,887	41,036	41,623
90 U of TX Med Brnch Galvstn	23,096	20,404	25,272	29,238	28,616	31,445	36,345	41,517
Total 1st 90 institutions	6,853,089	7,181,968	7,921,783	8,648,759	8,647,647	9,429,744	9,640,752	9,831,072
91 U of New Mexico	24,835	20,132	32,446	38,624	55,827	58,306	50,032	40,520
92 Brown University	33,000	33,342	36,015	35,819	34,483	36,998	42,065	40,026
93 Medical U of S Carolina	11,523	13,779	22,334	23,736	20,063	27,410	29,956	38,766
94 New Mexico St U	44,210	45,177	48,578	42,919	47,265	37,287	35,923	38,382
95 Tufts University	38,566	39,142	41,585	44,355	45,015	45,144	32,895	38,380
96 SUNY at Buffalo	33,934	36,291	39,895	40,287	31,455	37,932	34,243	37,772
97 Medical Col of Wisconsin	19,585	21,747	23,281	24,714	24,713	43,635	30,935	36,724
98 University of Vermont	28,157	31,402	37,294	32,272	34,002	34,968	33,902	34,749
99 U of MA Amherst	0	0	0	31,415	35,227	33,628	41,281	33,780
100 U of Delaware	17,106	18,529	19,041	27,529	24,696	29,093	29,960	31,774
Total 1st 100 institutions	7,104,005	7,441,509	8,222,252	8,990,429	9,000,393	9,814,145	10,001,944	10,201,945

[1] See Technical Notes, "Scope of Survey."

NOTE: Does not include R&D obligations to university-administered federally funded research and development centers. See tables B-37 and B-38.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

Table B-7. Federal obligations for science and engineering (S&E) to universities and colleges, by agency and type of activity: fiscal year 1996

[Thousands of dollars]

Agency	Total	Research and development				R&D plant [2]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
		Total	Research [1]	Advanced technology development [1]	Major systems development [1]					
Total, all agencies	14,337,901	12,235,569	NA	NA	NA	248,222	49,023	636,291	209,837	958,959
Department of Agriculture	883,384	395,368	NA	NA	NA	51,035	806	15,002	138	421,035
Department of Commerce	201,891	106,097	NA	NA	NA	0	10,952	4,929	64,305	15,608
Department of Defense, total	1,782,444	1,597,505	1,131,471	179,920	286,114	2,283	18,710	7,434	1,349	155,163
Department of the Army	476,989	455,514	376,808	59,418	19,288	1,958	0	7,001	81	12,435
Department of the Navy	869,059	753,140	438,810	60,036	254,294	0	0	413	68	115,438
Department of the Air Force	351,181	311,072	281,459	20,851	8,762	325	18,710	20	1,200	19,854
Other Department of Defense	85,215	77,779	34,394	39,615	3,770	0	0	0	0	7,436
Department of Education	175,250	68,597	NA	NA	NA	0	0	80,676	5,893	20,084
Department of Energy	655,831	632,727	NA	NA	NA	16,409	0	524	5,740	431
Environmental Protection Agency	102,864	89,152	NA	NA	NA	0	0	13,712	0	0
Department of Health & Human Services, total	7,336,024	6,794,056	NA	NA	NA	17,676	0	421,655	61,995	40,642
Administration on Aging	67	67	NA	NA	NA	0	0	0	0	0
Administration for Children & Families	10,032	9,336	NA	NA	NA	0	0	0	0	696
Agency for Health Care Policy & Research	40,398	36,693	NA	NA	NA	0	0	3,705	0	0
Agency for Toxic Substances & Disease Registry	368	10	NA	NA	NA	0	0	0	358	0
Centers for Disease Control & Prevention	39,149	39,045	NA	NA	NA	0	0	30	0	74
Food & Drug Administration	10,364	7,067	NA	NA	NA	0	0	949	0	2,348
Health Care Financing Administration	5,662	5,662	NA	NA	NA	0	0	0	0	0
Health Resources & Services Administration	60,134	1,402	NA	NA	NA	0	0	58,732	0	0
Indian Health Service	2,832	0	NA	NA	NA	0	0	2,832	0	0
National Institutes of Health	7,150,071	6,679,636	NA	NA	NA	17,676	0	353,598	61,637	37,524
Office of the Secretary	5,963	5,665	NA	NA	NA	0	0	298	0	0
Office of the Asst Secretary, Planning & Evaluation	2,573	2,573	NA	NA	NA	0	0	0	0	0
Office of Public Health & Science	3,390	3,092	NA	NA	NA	0	0	298	0	0
Substance Abuse & Mental Health Services Administration	10,984	9,473	NA	NA	NA	0	0	1,511	0	0
Department of Housing & Urban Development	1,851	1,851	NA	NA	NA	0	0	0	0	0
Department of the Interior	44,644	43,406	NA	NA	NA	0	0	622	0	616
Department of Labor	5,826	5,826	NA	NA	NA	0	0	0	0	0
Department of Transportation	62,200	55,836	NA	NA	NA	1,190	0	3,819	0	1,355
Agency for International Development	107,720	19,959	NA	NA	NA	0	200	250	57,106	30,205
National Aeronautics & Space Administration	757,855	673,081	NA	NA	NA	0	0	37,680	0	47,094
National Science Foundation	2,205,731	1,738,144	NA	NA	NA	159,575	18,355	49,620	13,311	226,726
Nuclear Regulatory Commission	3,785	3,785	NA	NA	NA	0	0	0	0	0
Office of Justice Programs	9,884	9,516	NA	NA	NA	0	0	368	0	0
General Services Administration	54	0	NA	NA	NA	54	0	0	0	0
Social Security Administration	663	663	NA	NA	NA	0	0	0	0	0

[1] Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-administered laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

[2] See Technical Notes, "Scope of Survey."

KEY: NA = not available

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1996

State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total							
Obligations (thousands)	$14,337,901	$12,235,569	$248,222	$49,023	$636,291	$209,837	$958,959
Number of institutions	1,122	869	191	371	578	272	372
Alabama							
Obligations (thousands)	$237,514	$200,324	$3,408	$182	$10,562	$2,669	$20,369
Number of institutions	21	17	4	4	14	6	7
Alaska							
Obligations (thousands)	$32,650	$23,984	$160	$0	$566	$3,072	$4,868
Number of institutions	5	5	1	0	2	2	2
Arizona							
Obligations (thousands)	$182,895	$155,644	$2,628	$813	$8,447	$3,066	$12,297
Number of institutions	6	5	2	3	4	4	4
Arkansas							
Obligations (thousands)	$57,442	$41,605	$1,162	$158	$2,951	$324	$11,242
Number of institutions	11	8	2	4	8	2	5
California							
Obligations (thousands)	$1,994,192	$1,720,015	$91,084	$1,886	$96,489	$12,829	$71,889
Number of institutions	90	70	19	29	45	24	25
Colorado							
Obligations (thousands)	$279,792	$234,102	$1,825	$3,068	$14,990	$17,435	$8,372
Number of institutions	17	10	3	5	9	4	8
Connecticut							
Obligations (thousands)	$271,161	$246,182	$3,017	$173	$14,234	$1,058	$6,497
Number of institutions	14	12	3	3	9	3	3
Delaware							
Obligations (thousands)	$42,632	$32,940	$1,988	$25	$1,746	$898	$5,035
Number of institutions	4	2	1	1	4	2	3
District of Columbia							
Obligations (thousands)	$175,363	$142,130	$1,431	$0	$6,959	$6,485	$18,358
Number of institutions	10	9	4	0	8	3	6
Florida							
Obligations (thousands)	$317,244	$267,913	$5,284	$510	$17,907	$9,155	$16,475
Number of institutions	32	26	5	14	16	13	11
Georgia							
Obligations (thousands)	$324,462	$255,638	$2,080	$673	$12,091	$7,460	$46,520
Number of institutions	29	26	5	6	14	8	10
Hawaii							
Obligations (thousands)	$70,073	$57,299	$187	$0	$1,999	$5,357	$5,231
Number of institutions	5	3	1	0	3	3	3
Idaho							
Obligations (thousands)	$18,838	$12,560	$151	$1,008	$678	$4	$4,437
Number of institutions	5	4	1	2	2	1	2
Illinois							
Obligations (thousands)	$521,388	$452,314	$15,274	$619	$27,034	$2,588	$23,559
Number of institutions	46	34	7	12	21	7	14
Indiana							
Obligations (thousands)	$209,979	$180,173	$2,613	$776	$6,598	$1,704	$18,115
Number of institutions	16	13	3	11	8	3	4
Iowa							
Obligations (thousands)	$168,947	$138,843	$2,901	$133	$6,351	$1,509	$19,210
Number of institutions	13	11	3	5	6	2	4
Kansas							
Obligations (thousands)	$80,368	$64,492	$913	$107	$5,202	$91	$9,563
Number of institutions	9	7	2	2	6	1	3

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1996

State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Kentucky:							
Obligations (thousands)	$88,395	$69,256	$218	$402	$3,328	$366	$14,825
Number of institutions	11	9	1	8	7	3	5
Louisiana:							
Obligations (thousands)	$148,158	$121,057	$3,158	$60	$5,080	$3,248	$15,555
Number of institutions	15	14	4	5	8	8	8
Maine:							
Obligations (thousands)	$17,013	$10,694	$123	$2,200	$245	$62	$3,689
Number of institutions	12	11	1	1	4	1	2
Maryland:							
Obligations (thousands)	$938,400	$791,081	$6,900	$734	$25,374	$11,715	$102,596
Number of institutions	28	25	6	8	13	9	11
Massachusetts:							
Obligations (thousands)	$880,302	$774,389	$10,977	$996	$46,560	$11,588	$35,792
Number of institutions	47	38	9	23	20	8	15
Michigan:							
Obligations (thousands)	$454,959	$404,031	$3,105	$856	$18,180	$8,786	$20,001
Number of institutions	27	20	8	15	12	5	9
Minnesota:							
Obligations (thousands)	$225,288	$195,527	$2,977	$519	$8,142	$3,086	$15,037
Number of institutions	23	15	2	11	10	1	4
Mississippi:							
Obligations (thousands)	$74,365	$46,010	$4,684	$73	$2,617	$3,520	$17,461
Number of institutions	12	9	1	4	9	5	5
Missouri:							
Obligations (thousands)	$293,247	$257,908	$468	$710	$14,622	$1,338	$18,201
Number of institutions	21	18	3	7	12	3	9
Montana:							
Obligations (thousands)	$38,938	$26,089	$1,230	$19	$2,059	$377	$9,164
Number of institutions	16	8	3	2	11	6	6
Nebraska:							
Obligations (thousands)	$65,110	$50,809	$257	$38	$1,887	$377	$11,742
Number of institutions	9	7	2	3	8	2	3
Nevada:							
Obligations (thousands)	$27,301	$23,032	$0	$31	$677	$1,099	$2,462
Number of institutions	4	4	0	1	3	2	3
New Hampshire:							
Obligations (thousands)	$77,345	$68,951	$476	$35	$2,341	$1,286	$4,256
Number of institutions	10	7	1	1	4	2	4
New Jersey:							
Obligations (thousands)	$224,737	$198,759	$4,288	$176	$8,689	$2,378	$10,447
Number of institutions	17	15	3	2	8	3	5
New Mexico:							
Obligations (thousands)	$129,645	$90,310	$2,917	$19,782	$5,552	$1,761	$9,323
Number of institutions	14	8	3	6	9	4	3
New York:							
Obligations (thousands)	$1,140,506	$1,017,749	$18,419	$1,783	$48,716	$10,588	$43,251
Number of institutions	100	84	14	31	49	22	22
North Carolina:							
Obligations (thousands)	$543,479	$465,193	$5,139	$2,523	$28,997	$14,414	$27,213
Number of institutions	33	25	6	12	17	13	11
North Dakota:							
Obligations (thousands)	$39,418	$31,259	$65	$123	$2,033	$136	$5,802
Number of institutions	13	3	1	2	11	3	3

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1996

State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Ohio:							
Obligations (thousands)	$400,015	$351,589	$3,416	$603	$15,127	$1,489	$27,791
Number of institutions	37	30	8	15	18	5	12
Oklahoma:							
Obligations (thousands)	$79,505	$49,049	$1,080	$514	$3,063	$3,587	$22,212
Number of institutions	12	8	1	3	6	4	7
Oregon:							
Obligations (thousands)	$173,839	$138,188	$6,230	$441	$11,578	$7,758	$9,644
Number of institutions	23	17	3	10	7	3	7
Pennsylvania:							
Obligations (thousands)	$839,436	$757,222	$7,266	$1,346	$31,526	$3,802	$38,274
Number of institutions	61	44	8	24	28	8	10
Rhode Island:							
Obligations (thousands)	$74,012	$60,542	$3,943	$37	$2,408	$3,438	$3,644
Number of institutions	4	4	2	1	2	1	2
South Carolina:							
Obligations (thousands)	$111,858	$89,646	$1,307	$590	$3,306	$3,554	$13,455
Number of institutions	18	11	4	7	7	7	7
South Dakota:							
Obligations (thousands)	$19,334	$8,529	$2,619	$104	$787	$0	$7,295
Number of institutions	12	7	1	2	9	0	4
Tennessee:							
Obligations (thousands)	$207,613	$170,472	$2,708	$462	$12,686	$1,654	$19,631
Number of institutions	23	18	4	9	8	5	10
Texas:							
Obligations (thousands)	$772,016	$683,203	$3,806	$1,845	$29,863	$9,636	$43,663
Number of institutions	66	53	9	19	42	19	24
Utah:							
Obligations (thousands)	$136,090	$123,031	$2,290	$33	$5,697	$693	$4,346
Number of institutions	9	7	3	2	4	3	4
Vermont:							
Obligations (thousands)	$44,143	$35,184	$2,205	$109	$2,130	$218	$4,297
Number of institutions	6	3	1	3	3	1	2
Virginia:							
Obligations (thousands)	$260,816	$218,386	$967	$468	$16,391	$5,466	$19,138
Number of institutions	28	22	2	9	15	7	11
Washington:							
Obligations (thousands)	$393,809	$340,761	$6,012	$631	$20,641	$7,256	$18,508
Number of institutions	20	18	4	11	8	3	7
West Virginia:							
Obligations (thousands)	$54,226	$25,719	$61	$146	$3,772	$0	$24,528
Number of institutions	11	6	1	4	4	0	2
Wisconsin:							
Obligations (thousands)	$297,040	$265,043	$2,435	$403	$14,594	$1,648	$12,917
Number of institutions	27	23	3	7	14	4	8
Wyoming:							
Obligations (thousands)	$17,259	$13,778	$250	$12	$291	$0	$2,928
Number of institutions	1	1	1	1	1	0	1
American Samoa:							
Obligations (thousands)	$1,173	$662	$0	$0	$0	$144	$367
Number of institutions	1	1	0	0	0	1	1

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1996

State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Guam:							
Obligations (thousands)	$3,696	$1,809	$0	$0	$102	$553	$1,232
Number of institutions	1	1	0	0	1	1	1
Puerto Rico:							
Obligations (thousands)	$55,739	$32,218	$120	$88	$2,426	$7,112	$13,775
Number of institutions	14	10	2	1	7	12	7
Trust Territory of the Pacific Islands:							
Obligations (thousands)	$2,731	$1,224	$0	$0	$0	$0	$1,507
Number of institutions	2	2	0	0	0	0	2
Virgin Islands:							
Obligations (thousands)	$2,005	$1,052	$0	$0	$0	$0	$953
Number of institutions	1	1	0	0	0	0	1

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-9. Federal obligations for science and engineering to universities and colleges, by geographic division, State, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division and State	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	14,337,901	883,384	201,891	1,782,444	175,250	655,831	102,864	7,336,024	44,644	757,855	2,205,731	191,983
New England, total	1,363,976	46,134	20,238	137,119	7,850	102,942	7,486	722,068	2,316	74,267	220,483	23,073
Connecticut	271,161	7,813	3,181	14,067	857	10,465	157	210,166	117	1,654	22,027	657
Maine	17,013	7,204	2,591	1,314	236	511	277	872	166	116	3,726	0
Massachusetts	880,302	10,309	5,514	104,754	4,496	86,732	6,347	421,414	1,467	56,712	162,272	20,285
New Hampshire	77,345	4,104	3,345	3,375	459	1,142	356	39,056	51	12,957	12,446	54
Rhode Island	74,012	7,379	5,066	12,190	0	3,069	275	24,751	458	2,358	16,390	2,076
Vermont	44,143	9,325	541	1,419	1,802	1,023	74	25,809	57	470	3,622	1
Middle Atlantic, total	2,204,679	62,938	17,905	221,410	19,390	93,138	11,212	1,318,579	1,315	47,134	395,687	15,971
New Jersey	224,737	11,268	5,985	25,827	1,073	14,605	4,045	95,162	377	8,064	54,410	3,921
New York	1,140,506	26,916	10,398	62,246	10,149	55,644	3,565	720,571	726	23,153	220,194	6,944
Pennsylvania	839,436	24,754	1,522	133,337	8,168	22,889	3,602	502,846	212	15,917	121,083	5,106
East North Central, total	1,883,381	111,860	16,818	178,673	25,332	84,570	13,385	1,011,007	1,433	60,851	352,925	26,527
Illinois	521,388	23,485	3,839	52,699	9,162	24,223	1,527	264,876	405	12,133	124,322	4,717
Indiana	209,979	22,549	1,052	17,198	1,373	18,180	1,420	94,404	221	3,522	48,385	1,675
Michigan	454,959	23,757	3,914	40,888	3,477	14,446	5,207	253,966	169	17,111	82,381	9,643
Ohio	400,015	22,127	1,559	53,047	3,843	9,183	3,862	234,896	533	15,802	47,300	7,863
Wisconsin	297,040	19,942	6,454	14,841	7,477	18,538	1,369	162,865	105	12,283	50,537	2,629
West North Central, total	891,712	121,666	4,582	38,882	14,846	40,041	9,180	506,682	2,307	21,461	117,260	14,805
Iowa	168,947	26,080	1,435	5,162	896	6,263	4,205	92,384	29	8,091	19,540	4,862
Kansas	80,368	13,137	0	3,446	5,605	6,328	1,516	33,942	119	2,190	13,311	774
Minnesota	225,288	19,735	2,244	13,842	2,730	6,127	2,551	134,473	453	2,878	37,490	2,765
Missouri	293,247	26,888	116	9,291	3,514	5,584	392	218,661	1,169	4,638	22,500	494
Nebraska	65,110	15,974	421	3,393	706	897	24	22,531	415	1,352	14,538	4,859
North Dakota	39,418	9,942	0	2,781	1,067	14,842	492	3,765	87	944	4,497	1,001
South Dakota	19,334	9,910	366	967	328	0	0	926	35	1,368	5,384	50
South Atlantic, total	2,768,480	158,149	44,336	624,231	33,725	108,475	25,210	1,232,910	5,097	178,968	283,946	73,433
Delaware	42,632	7,888	2,333	7,395	2,572	1,768	1,434	5,851	228	1,424	11,106	633
District of Columbia	175,363	1,774	1,364	37,130	3,775	4,561	828	82,213	20	7,466	11,359	24,873
Florida	317,244	22,024	8,960	39,291	5,063	14,617	2,173	131,576	3,018	22,863	64,165	3,494
Georgia	324,462	28,383	5,739	82,375	3,626	13,007	3,378	130,685	428	14,504	36,611	5,726
Maryland	938,400	15,993	9,761	375,385	3,670	15,627	4,029	362,325	312	84,121	52,343	14,834
North Carolina	543,479	36,996	9,180	34,707	8,340	11,556	7,231	361,143	318	8,146	51,803	14,059
South Carolina	111,858	16,260	3,810	17,010	1,357	24,071	299	34,920	282	2,269	11,256	324
Virginia	260,816	20,692	3,189	23,115	4,467	21,192	1,044	116,181	461	20,056	40,999	9,420
West Virginia	54,226	8,139	0	7,823	855	2,076	4,794	8,016	30	18,119	4,304	70
East South Central, total	607,887	107,508	2,851	41,160	9,016	21,519	2,818	328,080	2,801	43,027	45,077	4,030
Alabama	237,514	25,523	174	18,304	3,621	4,848	592	137,543	161	33,052	12,630	1,066
Kentucky	88,395	23,299	54	3,506	1,408	5,488	381	43,680	326	1,144	9,032	77
Mississippi	74,365	33,220	2,257	7,060	1,545	3,671	776	12,627	330	2,471	8,568	1,840
Tennessee	207,613	25,466	366	12,290	2,442	7,512	1,069	134,230	1,984	6,360	14,847	1,047
West South Central, total	1,057,121	101,247	13,231	128,924	14,572	43,759	5,282	565,408	5,310	49,472	122,108	7,808
Arkansas	57,442	23,547	0	6,271	3,745	200	75	19,624	215	532	2,167	1,066
Louisiana	148,158	20,089	3,167	26,667	1,325	15,231	1,260	57,870	2,650	4,890	14,366	643
Oklahoma	79,505	17,842	3,772	5,395	1,667	3,087	1,168	22,899	105	8,351	14,543	676
Texas	772,016	39,769	6,292	90,591	7,835	25,241	2,779	465,015	2,340	35,699	91,032	5,423

See explanatory information, if any, and SOURCE at end of table.

Table B-9. Federal obligations for science and engineering to universities and colleges, by geographic division, State, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division and State	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Mountain, total	830,758	61,871	33,135	120,831	17,822	36,331	10,716	300,545	8,545	78,665	155,160	7,137
Arizona	182,895	8,824	1,473	22,040	3,600	6,686	5,146	65,455	1,463	25,291	39,889	3,028
Colorado	279,792	12,041	27,201	18,085	5,533	8,917	2,734	130,906	3,546	21,391	47,528	1,910
Idaho	18,838	7,887	1,333	1,544	672	1,298	266	1,345	809	396	3,285	3
Montana	38,938	8,914	827	4,528	2,048	1,591	508	5,165	117	2,202	12,888	150
Nevada	27,301	3,232	944	1,332	198	3,908	1,004	6,497	1,218	922	7,666	380
New Mexico	129,645	9,454	809	45,516	3,284	6,585	395	24,077	711	23,136	14,928	750
Utah	136,090	7,331	508	25,351	2,251	7,005	509	66,192	651	4,630	21,557	105
Wyoming	17,259	4,188	40	2,435	236	341	154	908	30	697	7,419	811
Pacific, total	2,664,563	91,660	48,281	287,392	31,084	124,007	17,151	1,326,475	15,440	200,856	503,186	19,031
Alaska	32,650	3,772	4,756	752	433	98	15	2,403	2,985	9,194	6,742	1,500
California	1,994,192	33,411	20,143	232,421	20,683	88,536	10,262	1,007,776	9,283	169,240	393,446	8,991
Hawaii	70,073	11,643	8,309	2,894	633	2,810	192	17,155	1,195	7,708	17,444	90
Oregon	173,839	21,584	4,649	14,527	6,153	9,704	4,464	70,470	766	4,689	29,993	6,840
Washington	393,809	21,250	10,424	36,798	3,182	22,859	2,218	228,671	1,211	10,025	55,561	1,610
Outlying Areas, total	65,344	20,351	514	3,822	1,613	1,049	424	24,270	80	3,154	9,899	168
American Samoa	1,173	1,029	0	0	94	50	0	0	0	0	0	0
Guam	3,696	2,289	0	200	102	0	354	553	40	0	158	0
Puerto Rico	55,739	12,351	514	3,622	1,417	999	70	23,717	20	3,154	9,707	168
Trust Territory of the Pacific Islands	2,731	2,731	0	0	0	0	0	0	0	0	0	0
Virgin Islands	2,005	1,951	0	0	0	0	0	0	20	0	34	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, and Transportation; the Agency for International Development; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTE: The Agency for International Development (AID) continues its long term work on restructuring its internal database (a New Management System, NMS) which will integrate the agency's budget, programming, accounting and procurement systems. While parts of the NMS are currently working, the complete system should be in operation by the end of the calendar year 1997. As a result, AID's response to the fiscal year 1996 Federal support survey has again been produced using an interim reporting system as it was for the fiscal year 1995 survey. Any significant differences between AID's fiscal year 1996 and data prior to fiscal year 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the fiscal years 1995-1996 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

BEST COPY AVAILABLE

Table B-10. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division and State	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	636,291	15,002	4,329	7,434	80,676	524	13,712	421,655	622	37,680	49,620	4,437
New England, total	67,918	174	614	894	3,722	0	436	50,065	0	2,162	9,194	657
Connecticut	14,234	12	51	13	616	0	18	12,473	0	295	756	0
Maine	245	0	8	0	0	0	0	222	0	15	0	0
Massachusetts	46,560	0	204	621	2,127	0	347	33,221	0	1,080	8,303	657
New Hampshire	2,341	1	164	0	197	0	68	1,613	0	298	0	0
Rhode Island	2,408	80	187	260	0	0	3	1,462	0	281	135	0
Vermont	2,130	81	0	0	782	0	0	1,074	0	193	0	0
Middle Atlantic, total	88,931	694	269	1,322	5,812	0	1,065	69,748	10	2,652	6,930	429
New Jersey	8,689	70	61	7	419	0	647	5,055	0	259	2,015	156
New York	48,716	551	198	897	3,006	0	377	39,068	0	1,093	3,401	125
Pennsylvania	31,526	73	10	418	2,387	0	41	25,625	10	1,300	1,514	148
East North Central, total	81,533	1,909	345	967	8,876	0	1,529	57,287	201	3,802	6,431	186
Illinois	27,034	501	0	564	3,423	0	717	17,370	201	1,055	3,192	11
Indiana	6,598	270	47	3	1,070	0	96	4,080	0	355	677	0
Michigan	18,180	347	56	232	667	0	358	14,520	0	914	1,069	17
Ohio	15,127	309	75	42	2,329	0	281	10,214	0	1,162	617	98
Wisconsin	14,594	482	167	126	1,387	0	77	11,103	0	316	876	60
West North Central, total	39,024	2,457	128	26	5,742	0	347	26,658	59	2,116	1,246	245
Iowa	6,351	278	0	4	194	0	177	4,817	20	596	92	173
Kansas	5,202	377	0	0	2,990	0	31	1,497	20	193	89	5
Minnesota	8,142	404	128	6	553	0	62	5,889	19	338	702	41
Missouri	14,622	377	0	5	1,026	0	53	12,473	0	325	363	0
Nebraska	1,887	567	0	2	345	0	24	623	0	300	0	26
North Dakota	2,033	254	0	5	516	0	0	1,087	0	171	0	0
South Dakota	787	200	0	4	118	0	0	272	0	193	0	0
South Atlantic, total	116,543	4,018	1,157	1,171	17,076	0	6,063	70,041	69	11,036	4,795	1,117
Delaware	1,746	464	119	0	0	0	12	822	0	250	46	33
District of Columbia	6,959	102	63	479	2,782	0	74	2,933	0	278	0	248
Florida	17,907	746	150	20	3,448	0	259	9,839	0	2,983	337	125
Georgia	12,091	66	54	138	1,414	0	117	6,674	0	2,093	1,431	104
Maryland	25,374	718	357	84	2,684	0	221	18,554	0	1,319	1,021	416
North Carolina	28,997	975	148	224	2,879	0	2,703	19,387	69	1,004	1,489	119
South Carolina	3,306	566	158	4	690	0	4	1,297	0	502	69	16
Virginia	16,391	368	108	222	2,324	0	144	10,379	0	2,388	402	56
West Virginia	3,772	13	0	0	855	0	2,529	156	0	219	0	0
East South Central, total	29,193	1,939	121	61	4,563	400	84	18,507	89	3,091	187	151
Alabama	10,562	1,043	0	4	1,689	0	0	6,178	0	1,619	27	2
Kentucky	3,328	266	0	0	1,072	0	0	1,665	20	228	0	77
Mississippi	2,617	253	121	53	487	400	0	487	69	703	0	44
Tennessee	12,686	377	0	4	1,315	0	84	10,177	0	541	160	28
West South Central, total	40,957	1,631	203	1,005	8,280	0	1,106	23,751	164	2,076	2,002	739
Arkansas	2,951	229	0	1	1,926	0	0	506	0	193	0	96
Louisiana	5,080	494	110	584	822	0	40	2,263	164	514	46	43
Oklahoma	3,063	290	0	0	723	0	694	1,095	0	215	46	0
Texas	29,863	618	93	420	4,809	0	372	19,887	0	1,154	1,910	600

See explanatory information, if any, and SOURCE at end of table.

Table B-10. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division and State	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Mountain, total	38,391	1,118	988	497	12,079	124	1,627	15,340	0	4,578	1,806	234
Arizona	8,447	50	0	61	2,451	124	778	3,416	0	982	574	11
Colorado	14,990	264	984	189	3,330	0	553	7,348	0	1,363	765	194
Idaho	678	7	0	0	436	0	0	29	0	206	0	0
Montana	2,059	501	0	0	590	0	8	617	0	270	71	2
Nevada	677	1	0	0	198	0	172	90	0	193	23	0
New Mexico	5,552	101	0	8	3,284	0	66	1,124	0	616	327	26
Utah	5,697	190	4	239	1,790	0	25	2,665	0	737	46	1
Wyoming	291	4	0	0	0	0	25	51	0	211	0	0
Pacific, total	131,273	1,062	1,073	1,491	14,357	0	1,455	88,435	30	5,701	17,008	661
Alaska	566	0	106	0	197	0	0	62	30	171	0	0
California	96,489	514	542	948	8,556	0	932	65,008	0	4,141	15,242	606
Hawaii	1,999	81	80	6	0	0	52	1,129	0	441	210	0
Oregon	11,578	54	168	200	3,738	0	321	6,659	0	277	161	0
Washington	20,641	413	177	337	1,866	0	150	15,577	0	671	1,395	55
Outlying Areas, total	2,528	0	31	0	169	0	0	1,823	0	466	21	18
Guam	102	0	0	0	102	0	0	0	0	0	0	0
Puerto Rico	2,426	0	31	0	67	0	0	1,823	0	466	21	18

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, and Transportation; the Agency for International Development, the General Services Administration, the Nuclear Regulatory Commission, the Office of Justice Programs, and the Social Security Administration.

NOTE: The Agency for International Development (AID) continues its long term work on restructuring its internal database (a New Management System, NMS) which will integrate the agency's budget, programming, accounting and procurement systems. While parts of the NMS are currently working, the complete system should be in operation by the end of the calendar year 1997. As a result, AID's response to the fiscal year 1996 Federal support survey has again been produced using an interim reporting system as it was for the fiscal year 1995 survey. Any significant differences between AID's fiscal year 1996 and data prior to fiscal year 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the fiscal years 1995-1996 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

BEST COPY AVAILABLE

Table B-11. Federal obligations for science and engineering (S&E) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all institutions	14,337,901	12,235,569	248,222	49,023	636,291	209,837	958,959
1 Johns Hopkins University	729,447	611,683	1,624	200	18,610	9,074	88,256
2 University of Washington	347,511	309,853	1,272	137	18,754	5,464	12,031
3 Stanford University	317,932	294,859	1,717	0	17,476	300	3,580
4 U of Michigan	282,423	261,284	188	58	13,933	2,437	4,523
5 MA Inst of Technology	261,317	229,174	6,455	0	12,332	2,120	11,236
6 U of CA San Diego	257,234	226,260	1,976	0	11,493	4,107	13,398
7 Harvard University	242,078	205,360	269	0	20,791	7,273	8,385
8 U of Pennsylvania	240,764	218,840	2,337	121	14,086	1,093	4,287
9 U of CA San Francisco	235,123	219,100	782	0	13,858	558	825
10 U of WI Madison	231,138	208,243	1,934	201	9,225	369	11,166
Total 1st 10 institutions	3,144,967	2,784,656	18,554	717	150,558	32,795	157,687
11 Cornell University	230,700	178,194	11,282	108	10,001	1,207	29,908
12 U of CA Los Angeles	226,653	208,356	660	9	10,038	167	7,423
13 U of Minnesota	220,684	192,556	2,867	46	7,782	3,086	14,347
14 Yale University	211,947	197,207	901	0	12,271	306	1,262
15 Columbia U City New York	204,738	189,980	1,362	100	11,225	418	1,653
16 Washington University	198,854	186,572	0	0	10,239	769	1,274
17 U of Colorado	197,416	168,953	964	123	11,105	13,122	3,149
18 CA Inst of Technology	190,684	112,221	70,966	0	4,472	257	2,768
19 PA St U University Park	190,193	155,468	946	167	3,844	963	28,805
20 U of NC Chapel Hill	181,153	164,603	1,097	0	13,190	904	1,359
Total 1st 20 institutions	5,197,989	4,538,766	109,599	1,270	244,725	53,994	249,635
21 Duke University	176,225	164,886	419	27	8,638	394	1,861
22 U of Southern California	175,137	164,049	2,954	0	2,362	914	4,858
23 U of CA Berkeley	175,032	138,999	270	57	10,210	9	25,487
24 U of Pittsburgh	165,960	154,030	325	0	6,929	813	3,863
25 Case Western Reserve U	144,868	136,514	1,200	15	6,068	168	903
26 U of Alabama Birmingham	144,072	134,107	0	50	4,261	1,355	4,299
27 U of IL Urbana-Champaign	143,900	116,740	8,005	119	6,105	0	12,931
28 University of Arizona	136,358	120,770	649	129	5,974	2,462	6,374
29 University of Chicago	132,870	118,110	2,883	0	9,501	387	1,989
30 U of TX Austin	123,689	104,489	87	0	4,353	0	14,760
Total 1st 30 institutions	6,716,100	5,891,460	126,391	1,667	309,126	60,496	326,960
31 Northwestern University	119,313	109,279	2,653	0	4,928	355	2,098
32 University of Rochester	118,509	110,951	634	131	5,303	215	1,275
33 Ohio State U	111,069	91,088	311	0	2,250	889	16,531
34 U of CA Davis	110,268	95,968	5,541	100	2,772	396	5,491
35 University of Iowa	106,516	93,542	1,889	37	4,836	1,333	4,879
36 Boston University	105,366	92,900	1,538	40	4,739	917	5,232
37 U of MD College Park	103,473	88,507	2,614	146	1,645	425	10,136
38 University of Florida	103,097	81,495	3,921	121	7,280	92	10,188
39 Vanderbilt University	102,859	92,050	120	0	8,658	0	2,031
40 Indiana U	99,978	90,158	1,260	135	4,056	1,000	3,369
Total 1st 40 institutions	7,796,548	6,837,398	146,872	2,377	355,593	66,118	388,190
41 Carnegie Mellon U	99,441	97,078	429	0	1,059	516	359
42 Baylor Col of Medicine	98,072	92,211	0	0	4,704	0	1,157
43 Georgetown University	95,072	73,604	100	0	1,820	3,707	15,841
44 University of Utah	94,645	88,622	1,850	0	2,973	533	667
45 U of Virginia	94,205	84,141	117	0	5,030	1,190	3,727
46 Georgia Inst of Tech	92,333	67,890	440	17	1,783	189	22,014
47 NY University	90,290	84,169	1,249	27	4,737	0	108
48 U of TX SW Med Ctr Dals	88,488	84,331	116	0	3,429	612	0
49 Purdue University	88,311	70,557	407	237	2,255	664	14,191
50 Michigan State University	85,425	64,492	650	21	1,749	4,354	14,159
Total 1st 50 institutions	8,722,830	7,644,493	152,230	2,679	385,132	77,883	460,413

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering (S&E) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
51 Emory University	85,362	80,249	1,159	0	3,462	482	10
52 University of Miami	84,325	76,826	65	40	3,673	3,706	15
53 SUNY at Stony Brook	82,702	75,718	315	0	1,726	1,715	3,228
54 Rutgers St U of NJ	78,378	65,769	3,618	47	2,261	939	5,744
55 Texas A&M U	78,296	51,283	1,828	0	2,036	3,363	19,786
56 Yeshiva University NY	78,018	73,438	408	0	3,972	200	0
57 NC State U at Raleigh	77,041	55,116	227	0	1,641	1,113	18,944
58 LA St U All Campuses	75,233	60,706	1,264	33	2,883	808	9,539
59 Princeton University	75,068	66,968	467	0	3,876	1,232	2,525
60 Oregon State University	72,435	51,352	5,345	53	1,491	7,512	6,682
Total 1st 60 institutions	9,509,688	8,301,918	166,926	2,852	412,153	98,953	526,886
61 U of MD Baltimore	71,966	69,243	0	0	1,755	38	930
62 U of Kentucky All Cmp	70,192	55,713	218	142	2,351	54	11,714
63 U of CA Irvine	69,861	66,462	970	0	1,729	528	172
64 U of TX Hlth Sci Houston	67,427	65,399	0	0	1,919	0	109
65 CUNY Mt Sinai Schl of Med	65,589	62,386	0	0	2,222	587	394
66 U of New Mexico	65,459	40,520	266	18,710	3,949	536	1,478
67 U of CA Santa Barbara	64,254	59,855	937	0	1,225	210	2,027
68 Colorado State University	61,751	51,266	348	111	1,685	3,943	4,398
69 U of IL Chicago	61,552	55,833	1,106	0	3,219	455	939
70 Virginia Poly Inst & St U	60,504	44,470	850	40	749	3,144	11,251
Total 1st 70 institutions	10,168,243	8,873,065	171,621	21,855	432,956	108,448	560,298
71 University of Georgia	60,129	41,623	0	0	2,204	403	15,899
72 Woods Hole Ocean Inst	59,812	57,968	486	0	111	772	475
73 Wayne State University	59,273	55,016	221	0	1,646	1,680	710
74 Iowa State University	58,975	42,854	737	19	1,139	176	14,050
75 Wake Forest University	58,588	53,342	2,910	0	1,507	0	829
76 U of Med & Dent of NJ	56,845	53,851	0	0	1,967	0	1,027
77 U of TX MD Anderson Cancr	56,618	55,541	0	0	1,077	0	0
78 U of Hawaii Manoa	55,420	44,584	187	0	1,893	4,012	4,744
79 U of Cincinnati	54,965	49,925	722	139	2,820	229	1,130
80 U of TX Hlth Sci S Anto	54,327	50,446	1,000	0	2,761	0	120
Total 1st 80 institutions	10,743,195	9,378,215	177,884	22,013	450,081	115,720	599,282
81 Oregon Hlth Sciences U	53,199	46,810	93	0	4,949	102	1,245
82 U of Connecticut	53,193	43,725	1,941	86	1,486	724	5,231
83 Thomas Jefferson U	52,837	50,212	0	0	2,417	208	0
84 Virginia Commonwealth U	50,761	44,639	0	0	5,448	531	143
85 University of Kansas	49,762	43,347	362	85	4,599	91	1,278
86 New Mexico St U	49,151	38,382	2,320	175	917	460	6,897
87 Florida State University	48,196	45,296	740	0	167	669	1,324
88 Rockefeller University	47,682	46,029	313	0	1,216	114	10
89 Dartmouth College	47,137	44,900	0	0	1,506	0	731
90 U of MA Worcester	46,969	44,834	0	0	1,904	231	0
Total 1st 90 institutions	11,242,082	9,826,389	183,653	22,359	474,690	118,850	616,141
91 U of Missouri Columbia	45,246	30,279	37	100	1,598	0	13,232
92 U of TX Med Brnch Galvstn	45,223	41,517	0	1,000	2,471	130	105
93 Tulane University	44,999	42,068	1,000	0	534	112	1,285
94 U of MA Amherst	44,157	33,780	172	89	971	0	9,145
95 SUNY at Buffalo	43,600	37,772	0	39	1,771	0	4,018
96 Brown University	43,093	40,026	88	0	2,056	0	923
97 University of Vermont	43,069	34,749	2,205	21	2,029	218	3,847
98 Tufts University	42,228	38,380	1,592	41	1,931	0	284
99 Medical U of S Carolina	42,120	38,766	862	0	786	1,706	0
100 U of Nebraska Lincoln	42,043	29,567	235	0	945	361	10,935
Total 1st 100 institutions	11,677,860	10,193,293	189,844	23,649	489,782	121,377	659,915

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges and Nonprofit Institutions, Fiscal Year 1996

Table B-12. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all institutions	14,337,901	883,384	201,891	1,782,444	175,250	655,831	102,864	7,336,024	757,855	2,205,731	236,627
1 Johns Hopkins University	729,447	94	133	353,013	769	7,030	1,703	284,242	60,793	12,953	8,717
2 University of Washington	347,511	3,692	10,248	33,908	2,064	19,401	1,993	218,814	8,958	46,346	2,087
3 Stanford University	317,932	15	835	35,739	171	8,648	1,826	154,428	72,593	40,966	2,711
4 U of Michigan	282,423	724	3,183	31,360	1,442	7,971	3,157	180,806	11,358	38,512	3,910
5 MA Inst of Technology	261,317	0	2,615	47,769	42	68,975	964	59,200	37,962	42,179	1,611
6 U of CA San Diego	257,234	284	15,630	30,492	0	13,575	355	136,010	11,323	48,298	1,267
7 Harvard University	242,078	0	100	8,448	19	5,514	2,852	171,388	9,729	28,507	15,521
8 U of Pennsylvania	240,764	325	350	12,918	2,800	8,340	841	191,595	1,018	22,366	211
9 U of CA San Francisco	235,123	196	0	9,289	567	2,038	301	218,875	1,275	2,582	0
10 U of WI Madison	231,138	19,378	2,263	12,165	0	15,880	1,277	122,380	10,972	44,820	2,003
Total 1st 10 institutions	3,144,967	24,708	35,357	575,101	7,874	157,372	15,269	1,737,738	225,981	327,529	38,038
11 Cornell University	230,700	25,030	382	14,534	195	5,082	1,150	94,176	6,024	83,322	805
12 U of CA Los Angeles	226,653	306	992	16,880	2,301	15,849	112	160,121	9,138	20,847	107
13 U of Minnesota	220,684	19,671	2,244	13,624	2,073	6,127	2,551	133,903	2,702	34,571	3,218
14 Yale University	211,947	517	101	11,108	0	9,865	0	175,601	996	13,102	657
15 Columbia U City New York	204,738	117	5,397	8,534	126	8,250	166	142,257	4,841	34,850	200
16 Washington University	198,854	419	85	6,018	0	2,997	250	173,754	3,291	11,941	99
17 U of Colorado	197,416	193	19,494	12,845	2,007	4,569	1,036	108,564	16,460	30,991	1,257
18 CA Inst of Technology	190,684	5	4	26,175	0	9,773	0	24,624	25,111	103,629	1,363
19 PA St U University Park	190,193	21,938	423	63,826	479	5,161	1,679	57,417	9,396	27,986	1,888
20 U of NC Chapel Hill	181,153	641	92	8,239	4,535	1,674	5,644	146,118	436	10,989	2,785
Total 1st 20 institutions	5,197,989	93,545	64,571	756,884	19,590	226,719	27,857	2,954,273	304,376	699,757	50,417
21 Duke University	176,225	374	0	9,045	150	5,772	1,110	145,849	856	12,729	340
22 U of Southern California	175,137	0	397	50,819	236	1,141	0	93,123	3,912	23,328	2,181
23 U of CA Berkeley	175,032	19,984	963	15,250	723	6,856	551	62,510	19,457	45,405	3,333
24 U of Pittsburgh	165,960	0	95	3,990	3,240	1,737	305	142,356	1,047	11,850	1,340
25 Case Western Reserve U	144,868	0	86	7,187	496	361	27	126,747	3,461	6,158	345
26 U of Alabama Birmingham	144,072	0	0	4,583	1,379	2,012	205	120,720	10,387	3,730	1,056
27 U of IL Urbana-Champaign	143,900	20,450	273	23,839	2,211	2,759	632	29,469	4,977	58,387	903
28 University of Arizona	136,358	8,043	960	16,755	2,454	4,612	2,161	53,707	21,727	21,945	3,994
29 University of Chicago	132,870	108	157	5,151	358	5,376	133	90,110	4,827	26,300	350
30 U of TX Austin	123,689	376	1,186	53,423	1,482	10,343	245	19,364	8,205	28,191	874
Total 1st 30 institutions	6,716,100	142,880	68,688	946,926	32,319	267,688	33,226	3,838,228	383,232	937,780	65,133
31 Northwestern University	119,313	1,325	32	15,881	1,353	4,108	612	68,437	1,760	22,159	3,646
32 University of Rochester	118,509	127	0	7,008	149	25,229	0	72,182	394	13,345	75
33 Ohio State U	111,069	21,740	1,104	6,554	342	5,735	423	46,301	5,225	17,535	6,110
34 U of CA Davis	110,268	9,223	0	4,445	669	13,553	2,922	57,348	2,270	17,520	2,318
35 University of Iowa	106,516	263	70	3,213	342	1,283	400	84,880	6,672	8,124	1,269
36 Boston University	105,366	25	122	10,203	1,660	4,458	194	71,182	3,053	13,719	750
37 U of MD College Park	103,473	12,102	4,065	17,273	0	7,865	348	8,496	18,430	29,472	5,422
38 University of Florida	103,097	17,668	244	10,492	1,188	3,427	403	48,389	5,033	15,088	1,165
39 Vanderbilt University	102,859	0	0	5,614	1,643	1,005	34	89,018	1,581	3,964	0
40 Indiana U	99,978	72	0	2,053	1,154	3,663	1,098	68,933	834	20,386	1,785
Total 1st 40 institutions	7,796,548	205,425	74,325	1,029,662	40,819	338,014	39,660	4,453,394	428,484	1,099,092	87,673
41 Carnegie Mellon U	99,441	0	398	40,686	0	6,196	673	9,749	3,781	36,288	1,670
42 Baylor Col of Medicine	98,072	243	0	3,572	1,180	0	0	92,328	749	0	0
43 Georgetown University	95,072	0	258	23,452	200	333	0	45,399	242	1,213	23,975
44 University of Utah	94,645	0	508	6,406	0	6,743	25	63,375	1,030	16,062	496
45 U of Virginia	94,205	5	2,364	6,345	836	3,354	250	61,252	5,332	13,930	537
46 Georgia Inst of Tech	92,333	0	4,020	58,095	0	1,985	2,212	1,723	6,818	16,890	590
47 NY University	90,290	0	0	3,878	1,691	2,907	573	71,614	454	9,173	0
48 U of TX SW Med Ctr Dals	88,488	0	0	1,209	521	1,568	0	83,655	430	1,105	0
49 Purdue University	88,311	22,477	982	12,708	195	8,799	322	20,659	2,180	19,894	95
50 Michigan State University	85,425	22,490	123	3,620	122	4,432	436	21,126	457	27,096	5,523
Total 1st 50 institutions	8,722,830	250,640	82,978	1,189,633	45,564	374,331	44,151	4,924,274	449,957	1,240,743	120,559

See explanatory information, if any, and SOURCE at end of table

Table B-12. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
51 Emory University	85,362	0	0	741	203	704	0	80,338	0	3,024	352
52 University of Miami	84,325	17	4,580	5,323	614	350	598	59,580	3,838	8,927	498
53 SUNY at Stony Brook	82,702	0	3,588	6,762	0	5,188	46	41,564	3,184	21,192	1,178
54 Rutgers St U of NJ	78,378	11,173	3,556	10,251	0	5,835	1,844	21,215	2,174	18,072	4,258
55 Texas A&M U	78,296	29,846	2,576	3,839	275	3,766	292	15,223	4,441	14,232	3,806
56 Yeshiva University NY	78,018	0	0	219	0	0	0	76,917	69	813	0
57 NC State U at Raleigh	77,041	25,956	4,482	12,181	956	2,608	0	7,663	2,856	18,688	1,651
58 LA St U All Campuses	75,233	15,196	2,124	16,949	428	2,494	535	27,254	2,140	5,934	2,179
59 Princeton University	75,068	95	2,429	13,180	0	7,756	114	19,985	4,754	26,715	40
60 Oregon State University	72,435	21,187	4,529	5,918	176	855	4,007	8,289	4,003	16,556	6,915
Total 1st 60 institutions	9,509,688	354,110	110,842	1,264,996	48,216	403,887	51,587	5,282,302	477,416	1,374,896	141,436
61 U of MD Baltimore	71,966	0	79	2,160	0	278	155	67,384	304	1,213	393
62 U of Kentucky All Cmp	70,192	17,380	0	1,913	1,184	5,305	123	35,830	409	7,663	385
63 U of CA Irvine	69,861	642	70	5,361	0	5,367	395	42,990	2,794	11,943	299
64 U of TX Hlth Sci Houston	67,427	39	0	648	0	325	0	65,249	762	257	147
65 CUNY Mt Sinai Schl of Med	65,589	0	0	167	1,178	231	0	62,922	947	144	0
66 U of New Mexico	65,459	18	59	27,110	2,522	2,621	0	22,081	2,091	8,798	159
67 U of CA Santa Barbara	64,254	181	232	16,454	97	4,390	1,063	6,928	4,093	28,061	2,755
68 Colorado State University	61,751	11,680	4,799	3,856	222	3,422	1,352	19,054	2,409	11,855	3,102
69 U of IL Chicago	61,552	0	50	3,837	2,444	1,089	52	45,367	437	8,240	36
70 Virginia Poly Inst & St U	60,504	15,891	80	7,660	213	14,448	62	4,030	2,950	11,825	3,345
Total 1st 70 institutions	10,168,243	399,941	116,211	1,334,162	56,076	441,363	54,789	5,654,137	494,612	1,464,895	152,057
71 University of Georgia	60,129	23,671	1,009	1,257	1,560	3,349	1,028	12,996	199	11,346	3,714
72 Woods Hole Ocean Inst	59,812	0	1,977	16,307	0	1,036	280	84	966	38,491	671
73 Wayne State University	59,273	0	0	2,128	538	1,060	0	47,549	202	7,779	17
74 Iowa State University	58,975	25,817	1,334	1,445	0	4,980	3,662	6,522	1,270	10,324	3,621
75 Wake Forest University	58,588	3,006	0	1,154	0	0	150	52,152	83	2,043	0
76 U of Med & Dent of NJ	56,845	0	0	600	225	640	12	53,588	713	1,067	0
77 U of TX MD Anderson Cancr	56,618	0	0	2,481	0	0	0	53,970	0	167	0
78 U of Hawaii Manoa	55,420	5,310	4,191	2,890	146	175	52	17,155	7,271	17,444	786
79 U of Cincinnati	54,965	0	238	3,815	434	1,748	2,890	39,603	805	5,418	14
80 U of TX Hlth Sci S Anto	54,327	0	0	1,219	0	6	0	52,683	115	304	0
Total 1st 80 institutions	10,743,195	457,745	124,960	1,367,458	58,979	454,357	62,863	5,990,439	506,236	1,559,278	160,880
81 Oregon Hlth Sciences U	53,199	0	0	349	0	4,684	0	47,437	240	489	0
82 U of Connecticut	53,193	7,292	2,884	2,759	732	520	38	32,154	417	6,296	101
83 Thomas Jefferson U	52,837	0	0	635	592	0	43	51,338	0	229	0
84 Virginia Commonwealth U	50,761	0	0	1,093	2,427	266	160	43,088	510	2,807	410
85 University of Kansas	49,762	112	0	1,567	4,865	2,578	31	30,946	947	8,615	101
86 New Mexico St U	49,151	9,336	0	13,122	430	1,644	0	567	19,857	3,694	501
87 Florida State University	48,196	0	1,400	1,769	139	7,515	54	6,482	1,983	27,614	1,240
88 Rockefeller University	47,682	0	0	280	0	1,087	0	44,545	0	1,770	0
89 Dartmouth College	47,137	253	0	3,068	156	532	168	36,121	1,284	5,555	0
90 U of MA Worcester	46,969	0	0	431	0	5	0	45,313	378	842	0
Total 1st 90 institutions	11,242,082	474,738	129,244	1,392,531	68,320	473,188	63,357	6,328,430	531,852	1,617,189	163,233
91 U of Missouri Columbia	45,246	21,330	31	1,585	969	669	0	15,609	542	4,391	120
92 U of TX Med Brnch Galvstn	45,223	0	1,000	1,576	0	670	46	41,056	409	466	0
93 Tulane University	44,999	69	0	3,818	0	10,948	336	26,217	607	2,404	600
94 U of MA Amherst	44,157	7,988	458	8,281	227	2,440	388	8,363	2,069	13,200	743
95 SUNY at Buffalo	43,600	122	0	4,370	5	35	0	26,245	441	9,559	2,823
96 Brown University	43,093	61	25	8,824	0	2,927	0	19,045	1,701	10,502	8
97 University of Vermont	43,069	9,324	0	1,419	1,702	1,023	0	25,577	433	3,534	57
98 Tufts University	42,228	2,296	168	2,134	500	789	525	32,272	439	3,105	0
99 Medical U of S Carolina	42,120	48	0	4,903	0	10,401	81	26,083	0	604	0
100 U of Nebraska Lincoln	42,043	15,784	293	2,738	0	0	24	3,184	927	14,114	4,979
Total 1st 100 institutions	11,677,860	531,760	131,219	1,432,179	71,723	503,090	64,757	6,552,081	539,420	1,679,068	172,563

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, and Transportation; the Agency for International Development; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-13. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all institutions	12,235,569	395,368	106,097	1,597,505	68,597	632,727	89,152	6,794,056	673,081	1,738,144	140,842
1 Johns Hopkins University	611,683	94	74	267,442	0	7,030	1,601	265,338	60,350	9,619	135
2 University of Washington	309,853	3,535	4,895	28,573	857	19,361	1,843	201,671	8,209	38,942	1,967
3 Stanford University	294,859	15	835	35,623	86	8,046	1,742	140,951	71,692	33,158	2,711
4 U of Michigan	261,284	712	988	30,397	1,440	7,971	2,951	168,694	10,468	33,760	3,903
5 MA Inst of Technology	229,174	0	1,601	46,230	0	63,176	845	53,143	36,141	26,909	1,129
6 U of CA San Diego	226,260	284	11,453	30,088	0	13,575	355	126,867	10,858	31,513	1,267
7 U of CA San Francisco	219,100	196	0	9,142	567	2,038	127	204,881	1,275	874	0
8 U of Pennsylvania	218,840	325	350	12,719	2,800	8,003	825	177,236	996	15,400	186
9 U of CA Los Angeles	208,356	306	992	16,871	1,904	15,849	112	148,460	9,038	14,717	107
10 U of WI Madison	208,243	8,788	2,263	12,039	0	15,636	1,200	114,655	10,811	41,890	961
Total 1st 10 institutions	2,787,652	14,255	23,451	489,124	7,654	160,685	11,601	1,601,896	219,838	246,782	12,366
11 Harvard University	205,360	0	100	8,203	19	5,443	2,813	154,192	9,597	20,852	4,141
12 Yale University	197,207	511	101	11,095	0	9,702	0	162,972	941	11,228	657
13 U of Minnesota	192,556	7,752	1,177	13,519	1,725	6,042	2,489	126,034	2,309	29,981	1,528
14 Columbia U City New York	189,980	117	5,397	7,735	126	8,051	98	131,435	4,709	32,112	200
15 Washington University	186,572	419	85	6,017	0	2,997	250	162,878	3,225	10,602	99
16 Cornell University	178,194	11,653	89	14,532	0	5,082	942	87,418	5,128	53,267	83
17 U of Colorado	168,953	185	5,527	12,656	583	4,405	723	101,917	15,068	26,751	1,138
18 Duke University	164,886	374	0	8,883	150	5,522	1,031	138,118	696	9,813	299
19 U of NC Chapel Hill	164,603	561	92	8,167	2,750	1,674	3,251	135,364	436	9,523	2,785
20 U of Southern California	164,049	0	218	48,488	0	1,141	0	90,214	2,323	19,518	2,147
Total 1st 20 institutions	4,600,012	35,827	36,237	628,419	13,007	210,744	23,198	2,892,438	264,270	470,429	25,443
21 PA St U University Park	155,468	8,989	379	50,062	243	5,161	1,675	54,167	8,250	24,940	1,602
22 U of Pittsburgh	154,030	0	95	3,784	1,893	1,642	305	134,704	925	10,492	190
23 U of CA Berkeley	138,999	8,531	963	15,177	426	6,776	295	57,474	19,063	27,309	2,985
24 Case Western Reserve U	136,514	0	86	6,756	496	361	27	120,548	3,331	4,639	270
25 U of Alabama Birmingham	134,107	0	0	4,583	1,379	2,012	205	113,015	10,354	1,503	1,056
26 University of Arizona	120,770	3,983	960	16,675	599	4,488	1,923	50,924	20,740	18,735	1,743
27 University of Chicago	118,110	0	157	5,147	107	4,800	0	81,050	4,250	22,249	350
28 U of IL Urbana Champaign	116,740	8,352	273	23,137	158	2,759	570	27,701	4,263	48,825	702
29 CA Inst of Technology	112,221	5	0	26,173	0	9,407	0	21,768	24,436	29,069	1,363
30 University of Rochester	110,951	127	0	5,673	0	25,229	0	67,068	394	12,460	0
Total 1st 30 institutions	5,897,922	65,814	39,150	785,586	18,308	273,379	28,198	3,620,857	360,276	670,650	35,704
31 Northwestern University	109,279	0	32	15,640	1,226	3,993	150	64,927	1,628	19,867	1,816
32 U of TX Austin	104,489	296	1,168	47,510	0	10,343	245	18,420	6,983	18,872	652
33 Carnegie Mellon U	97,078	0	398	40,674	0	6,196	673	8,938	3,671	34,888	1,640
34 U of CA Davis	95,968	5,976	0	4,375	650	13,553	2,711	54,475	2,201	9,736	2,291
35 University of Iowa	93,542	263	70	3,066	0	1,283	400	75,078	6,518	6,704	160
36 Boston University	92,900	25	122	10,155	1,056	3,222	135	67,134	2,966	8,085	0
37 Baylor Col of Medicine	92,211	243	0	3,296	1,050	0	0	86,873	749	0	0
38 Vanderbilt University	92,050	0	0	5,455	499	1,005	0	81,188	1,084	2,819	0
39 Ohio State U	91,088	8,313	610	6,464	227	5,706	421	44,594	5,159	13,484	6,110
40 Indiana U	90,158	72	0	2,022	279	3,607	1,042	65,183	742	17,026	185
Total 1st 40 institutions	6,856,685	81,002	41,550	924,243	23,295	322,287	33,975	4,187,667	391,977	802,131	48,558

See explanatory information, if any, and SOURCE at end of table.

Table B-13. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
41 University of Utah	88,622	0	474	5,796	0	6,539	0	60,287	986	14,044	496
42 U of MD College Park	88,507	5,190	2,765	16,835	0	7,775	269	8,304	17,675	25,727	3,967
43 U of TX SW Med Ctr Dals	84,331	0	0	1,209	249	1,568	0	79,886	430	989	0
44 NY University	84,169	0	0	3,858	1,196	2,907	562	66,908	454	8,284	0
45 U of Virginia	84,141	0	1,466	6,323	273	3,354	250	55,280	5,027	11,631	537
46 University of Florida	81,495	8,326	190	10,345	0	2,862	151	43,329	4,453	11,749	90
47 Emory University	80,249	0	0	727	203	704	0	75,970	0	2,493	152
48 University of Miami	76,826	17	1,069	5,323	0	350	598	56,372	3,838	8,761	498
49 SUNY at Stony Brook	75,718	0	2,035	6,726	0	5,088	0	40,332	3,184	18,125	228
50 Georgetown University	73,604	0	258	22,973	0	333	0	43,227	242	1,113	5,458
Total 1st 50 institutions	7,674,347	94,535	49,807	1,004,358	25,216	353,767	35,805	4,717,562	428,266	905,047	59,984
51 Yeshiva University NY	73,438	0	0	219	0	0	0	72,768	69	382	0
52 Purdue University	70,557	11,044	590	10,971	0	8,527	282	19,322	1,767	17,959	95
53 U of MD Baltimore	69,243	0	25	2,032	0	278	115	64,921	304	1,175	393
54 Georgia Inst of Tech	67,890	0	0	41,172	0	1,985	2,212	1,644	6,110	14,177	590
55 Princeton University	66,968	95	1,503	13,170	0	7,527	108	17,823	4,675	22,027	40
56 U of CA Irvine	66,462	642	55	5,221	0	4,757	367	41,021	2,696	11,477	226
57 Rutgers St U of NJ	65,769	4,900	2,950	10,227	0	5,715	1,218	19,435	2,152	15,070	4,102
58 U of TX Hlth Sci Houston	65,399	39	0	590	0	325	0	63,301	740	257	147
59 Michigan State University	64,492	11,166	123	3,450	122	4,232	342	20,075	435	23,194	1,353
60 CUNY Mt Sinai Schl of Med	62,386	0	0	167	978	112	0	60,063	947	119	0
Total 1st 60 institutions	8,346,951	122,421	55,053	1,091,577	26,316	387,225	40,449	5,097,935	448,161	1,010,884	66,930
61 LA St U All Campuses	60,706	5,607	1,206	16,256	0	2,472	535	26,017	1,554	4,896	2,163
62 U of CA Santa Barbara	59,855	181	232	16,370	0	4,080	1,010	6,524	3,939	24,823	2,696
63 Woods Hole Oceanogr Inst	57,968	0	1,332	16,278	0	1,036	246	84	966	37,355	671
64 U of IL Chicago	55,833	0	50	3,566	2,444	1,069	0	41,177	371	7,131	25
65 U of Kentucky All Cmp	55,713	6,053	0	1,913	299	5,305	123	34,685	181	6,915	239
66 U of TX MD Anderson Cancr	55,541	0	0	2,421	0	0	0	52,953	0	167	0
67 NC State U at Raleigh	55,116	9,759	1,775	12,084	948	2,508	0	7,242	2,408	16,900	1,492
68 Wayne State University	55,016	0	0	2,126	370	1,060	0	44,057	202	7,201	0
69 U of Med & Dent of NJ	53,851	0	0	600	150	649	0	50,721	713	1,027	0
70 Wake Forest University	53,342	96	0	1,154	0	0	150	50,218	83	1,641	0
Total 1st 70 institutions	8,909,892	144,117	59,648	1,164,345	30,527	405,395	42,513	5,411,613	458,578	1,118,940	74,216
71 Oregon State University	51,352	11,238	2,455	5,918	0	640	3,686	7,768	3,748	14,564	1,315
72 Texas A&M U	51,283	10,357	1,747	3,806	0	3,546	212	14,621	2,994	13,008	992
73 Colorado State University	51,266	7,293	1,000	3,826	0	3,117	1,147	18,463	2,275	11,118	3,027
74 U of TX Hlth Sci S Anto	50,446	0	0	1,219	0	6	0	48,802	115	304	0
75 Thomas Jefferson U	50,212	0	0	483	373	0	43	49,084	0	229	0
76 U of Cincinnati	49,925	0	238	3,768	130	1,748	2,687	37,587	439	3,328	0
77 Oregon Hlth Sciences U	46,810	0	0	149	0	4,684	0	41,254	240	483	0
78 Rockefeller University	46,029	0	0	280	0	1,087	0	43,261	0	1,401	0
79 Florida State University	45,296	0	1,400	1,711	139	7,515	54	5,734	1,973	25,865	905
80 Dartmouth College	44,900	253	0	3,039	125	532	100	34,736	1,262	4,853	0
Total 1st 80 institutions	9,397,411	173,258	66,488	1,188,544	31,294	428,270	50,442	5,712,923	471,624	1,194,113	80,455

See explanatory information, if any, and SOURCE at end of table

Table B-13. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
81 U of MA Worcester	44,834	0	0	431	0	5	0	43,409	378	611	0
82 Virginia Commonwealth U	44,639	0	0	883	1,657	266	160	38,085	510	2,668	410
83 U of Hawaii Manoa	44,584	3,462	838	2,781	146	175	0	15,479	4,352	16,565	786
84 Virginia Poly Inst & St U	44,470	5,822	80	7,307	213	14,448	35	3,934	2,711	9,465	455
85 U of Connecticut	43,725	2,765	2,027	2,759	241	520	20	30,341	373	4,578	101
86 University of Kansas	43,347	111	0	1,443	1,375	2,578	0	29,553	754	7,502	31
87 Iowa State University	42,854	13,747	1,322	1,354	0	4,966	3,628	6,353	828	7,228	3,428
88 Tulane University	42,068	69	0	3,803	0	10,948	296	24,791	585	1,576	0
89 University of Georgia	41,623	9,131	552	1,177	252	3,349	941	12,480	35	10,096	3,610
90 U of TX Med Brnch Galvstn	41,517	0	0	1,576	0	670	0	38,545	365	361	0
Total 1st 90 institutions	9,831,072	208,365	71,307	1,212,058	35,178	466,195	55,522	5,955,893	482,515	1,254,763	89,276
91 U of New Mexico	40,520	18	59	8,279	0	2,621	0	20,400	2,059	6,955	129
92 Brown University	40,026	61	25	8,551	0	2,927	0	17,643	1,442	9,369	8
93 Medical U of S Carolina	38,766	48	0	4,903	0	9,015	81	24,277	0	442	0
94 New Mexico St U	38,382	3,872	0	9,856	0	1,484	0	96	19,432	3,167	475
95 Tufts University	38,380	704	58	2,047	500	789	525	30,451	265	3,041	0
96 SUNY at Buffalo	37,772	122	0	4,370	0	35	0	23,797	441	7,007	2,000
97 Medical Col of Wisconsin	36,724	126	0	2,008	378	0	0	33,404	151	184	473
98 University of Vermont	34,749	3,725	0	1,419	1,020	1,023	0	24,160	240	3,105	57
99 U of MA Amherst	33,780	4,138	458	8,271	0	2,425	330	7,681	2,025	7,709	743
100 U of Delaware	31,774	1,961	1,277	7,395	1,852	1,768	1,422	4,738	1,174	9,859	328
Total 1st 100 institutions	10,201,945	223,140	73,184	1,269,157	38,928	488,282	57,880	6,142,540	509,744	1,305,601	93,489

[1] The Department of Defense (DoD) states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

[2] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, and Transportation; the Agency for International Development, the General Services Administration, the Nuclear Regulatory Commission, the Office of Justice Programs, and the Social Security Administration.

NOTE: Does not include R&D obligations to university-administered federally funded research and development centers. See table B-38.

KEY: USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

Table B-14. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all institutions	636,291	15,002	4,929	7,434	80,676	524	13,712	421,655	37,680	49,620	5,059
1 Harvard University	20,791	0	0	235	0	0	39	16,444	132	3,748	193
2 University of Washington	18,754	108	177	221	1,207	0	150	14,822	642	1,372	55
3 Johns Hopkins University	18,610	0	0	0	769	0	102	16,538	443	758	0
4 Stanford University	17,476	0	0	101	85	0	84	11,546	901	4,759	0
5 U of Pennsylvania	14,086	0	0	179	0	0	16	13,407	22	437	25
6 U of Michigan	13,933	12	56	72	2	0	206	11,857	870	858	0
7 U of CA San Francisco	13,858	0	0	147	0	0	174	12,732	0	805	0
8 U of NC Chapel Hill	13,190	80	0	60	1,785	0	2,393	8,514	0	358	0
9 MA Inst of Technology	12,332	0	122	299	42	0	119	6,057	816	4,415	462
10 Yale University	12,271	6	0	13	0	0	0	11,488	55	709	0
Total 1st 10 institutions	155,301	206	355	1,327	3,890	0	3,283	123,405	3,881	18,219	735
11 U of CA San Diego	11,493	0	501	258	0	0	0	8,605	465	1,664	0
12 Columbia U City New York	11,225	0	0	799	0	0	68	9,627	132	599	0
13 U of Colorado	11,105	8	902	189	1,209	0	313	6,647	1,207	511	119
14 Washington University	10,239	0	0	1	0	0	0	9,855	66	317	0
15 U of CA Berkeley	10,210	4	0	66	0	0	256	5,036	352	4,203	293
16 U of CA Los Angeles	10,038	0	0	0	0	0	0	9,236	100	702	0
17 Cornell University	10,001	299	0	0	195	0	208	6,758	601	1,940	0
18 University of Chicago	9,501	108	0	4	0	0	133	7,973	165	1,118	0
19 U of WI Madison	9,225	296	0	126	0	0	77	7,725	88	853	60
20 Vanderbilt University	8,658	0	0	0	1,144	0	34	6,847	497	136	0
Total 1st 20 institutions	256,996	921	1,758	2,770	6,438	0	4,372	201,714	7,554	30,262	1,207
21 Duke University	8,638	0	0	162	0	0	79	7,419	160	818	0
22 U of Minnesota	7,782	353	128	4	348	0	62	5,787	338	702	60
23 University of Florida	7,280	214	3	11	1,188	0	252	4,781	574	257	0
24 U of Pittsburgh	6,929	0	0	4	1,347	0	0	5,556	22	0	0
25 U of IL Urbana-Champaign	6,105	318	0	70	1,817	0	62	1,768	627	1,242	201
26 Case Western Reserve U	6,068	0	0	0	0	0	0	5,749	125	194	0
27 University of Arizona	5,974	0	0	61	1,855	124	238	2,503	865	317	11
28 Virginia Commonwealth U	5,448	0	0	210	770	0	0	4,468	0	0	0
29 University of Rochester	5,303	0	0	60	149	0	0	4,974	0	120	0
30 U of Virginia	5,030	5	108	2	563	0	0	3,878	248	226	0
Total 1st 30 institutions	321,553	1,811	1,997	3,354	14,475	124	5,065	248,597	10,513	34,138	1,479
31 Oregon Hlth Sciences U	4,949	0	0	200	0	0	0	4,749	0	0	0
32 Northwestern University	4,928	0	0	228	127	0	462	3,170	132	809	0
33 University of Iowa	4,836	0	0	0	0	0	0	4,613	154	69	0
34 Boston University	4,739	0	0	0	604	0	59	3,983	22	71	0
35 NY University	4,737	0	0	10	495	0	11	4,036	0	185	0
36 Baylor Col of Medicine	4,704	0	0	276	130	0	0	4,298	0	0	0
37 University of Kansas	4,599	1	0	0	2,915	0	31	1,393	193	66	0
38 CA Inst of Technology	4,472	0	4	2	0	0	0	2,599	556	1,311	0
39 U of TX Austin	4,353	80	0	8	1,482	0	0	944	537	1,180	122
40 U of Alabama Birmingham	4,261	0	0	0	0	0	0	4,201	33	27	0
Total 1st 40 institutions	368,131	1,892	2,001	4,078	20,228	124	5,628	282,583	12,140	37,856	1,601
41 Indiana U	4,056	0	0	1	875	0	56	2,797	22	305	0
42 Yeshiva University NY	3,972	0	0	0	0	0	0	3,949	0	23	0
43 University of Oregon	3,962	3	0	0	2,455	0	0	1,389	0	115	0
44 U of New Mexico	3,949	0	0	0	2,522	0	0	1,093	32	302	0
45 Princeton University	3,876	0	0	5	0	0	6	1,856	66	1,943	0
46 PA St U University Park	3,844	69	0	19	0	0	4	2,122	1,146	391	93
47 WV University (Morgantwn)	3,728	3	0	0	855	0	2,529	122	219	0	0
48 University of Miami	3,673	0	0	0	614	0	0	3,013	0	46	0
49 CA St U Fresno	3,528	0	0	0	444	0	0	3,084	0	0	0
50 Emory University	3,462	0	0	4	0	0	0	3,086	0	372	0
Total 1st 50 institutions	406,181	1,967	2,001	4,107	27,993	124	8,223	305,094	13,625	41,353	1,694

See explanatory information, if any, and SOURCE at end of table.

Table B-14. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
51 U of TX SW Med Ctr Dals	3,429	0	0	0	272	0	0	3,157	0	0	0
52 U of IL Chicago	3,219	0	0	261	0	0	52	2,806	66	23	11
53 University of Utah	2,973	0	4	235	0	0	25	2,665	44	0	0
54 Medical Col of Wisconsin	2,960	0	0	0	105	0	0	2,855	0	0	0
55 San Diego State U	2,950	0	0	0	2,246	0	0	660	44	0	0
56 LA St U All Campuses	2,883	161	110	584	428	0	0	1,237	347	0	16
57 U of Cincinnati	2,820	0	0	0	304	0	203	2,016	283	0	14
58 U of CA Davis	2,772	272	0	0	19	0	211	1,921	22	300	27
59 U of TX Hlth Sci S Anto	2,761	0	0	0	0	0	0	2,761	0	0	0
60 U of TX Med Brnch Galvstn	2,471	0	0	0	0	0	46	2,381	44	0	0
Total 1st 60 institutions	435,419	2,400	2,115	5,187	31,367	124	8,760	327,553	14,475	41,676	1,762
61 George Washington U	2,440	9	59	0	1,875	0	40	164	193	0	100
62 Thomas Jefferson U	2,417	0	0	152	219	0	0	2,046	0	0	0
63 Utah State University	2,391	190	0	0	1,790	0	0	0	410	0	1
64 Hampton University	2,368	0	0	0	114	0	63	1,379	778	0	34
65 U of Southern California	2,362	0	22	0	0	0	0	2,216	44	46	34
66 U of Kentucky All Cmp	2,351	64	0	0	885	0	0	1,078	228	0	96
67 Rutgers St U of NJ	2,261	70	61	2	0	0	626	1,292	22	32	156
68 Purdue University	2,255	270	47	2	195	0	40	1,018	311	372	0
69 Ohio State U	2,250	309	59	42	115	0	2	1,288	66	369	0
70 CUNY Mt Sinai Schl of Med	2,222	0	0	0	200	0	0	2,022	0	0	0
Total 1st 70 institutions	458,736	3,312	2,363	5,385	36,760	124	9,531	340,056	16,527	42,495	2,183
71 San Fran State University	2,211	0	0	0	1,581	0	0	630	0	0	0
72 University of Georgia	2,204	66	54	0	1,308	0	87	516	0	69	104
73 Florida A&M University	2,178	527	0	0	0	0	0	4	1,590	0	57
74 U of CA Santa Cruz	2,146	0	0	0	0	0	0	1,387	44	715	0
75 Brown University	2,056	0	0	260	0	0	0	1,402	259	135	0
76 Texas A&M U	2,036	312	93	0	275	0	80	602	197	184	293
77 University of Vermont	2,029	80	0	0	682	0	0	1,074	193	0	0
78 U of Med & Dent of NJ	1,967	0	0	0	75	0	12	1,840	0	40	0
79 Tufts University	1,931	0	0	87	0	0	0	1,821	0	23	0
80 U of TX Hlth Sci Houston	1,919	0	0	58	0	0	0	1,839	22	0	0
Total 1st 80 institutions	479,413	4,297	2,510	5,790	40,681	124	9,710	351,171	18,832	43,661	2,637
81 U of MA Worcester	1,904	0	0	0	0	0	0	1,904	0	0	0
82 U of Hawaii Manoa	1,893	81	0	2	0	0	52	1,129	419	210	0
83 U of Oklahoma	1,870	2	0	0	694	0	49	886	193	46	0
84 University of South FL	1,825	0	0	0	1,379	0	7	373	66	0	0
85 Georgetown University	1,820	0	0	479	200	0	0	1,141	0	0	0
86 Brandeis University	1,801	0	0	0	0	0	0	1,779	22	0	0
87 San Jose State University	1,786	0	0	0	1,466	0	0	298	22	0	0
88 Georgia Inst of Tech	1,783	0	0	6	0	0	0	79	708	990	0
89 SUNY at Buffalo	1,771	0	0	0	5	0	0	1,594	0	147	25
90 U of MD Baltimore	1,755	0	0	80	0	0	40	1,635	0	0	0
Total 1st 90 institutions	497,621	4,380	2,510	6,357	44,425	124	9,858	361,989	20,262	45,054	2,662
91 Michigan State University	1,749	229	0	158	0	0	94	1,051	22	195	0
92 U of CA Irvine	1,729	0	15	0	0	0	28	1,569	44	0	73
93 SUNY at Stony Brook	1,726	0	194	0	0	0	46	1,232	0	254	0
94 Arizona State U Main	1,711	0	0	0	596	0	30	808	66	211	0
95 Colorado State University	1,685	247	0	0	222	0	205	548	134	254	75
96 Wayne State University	1,646	0	0	2	168	0	0	1,443	0	16	17
97 U of MD College Park	1,645	189	123	4	0	0	79	192	606	263	189
98 NC State U at Raleigh	1,641	197	143	0	8	0	0	421	448	290	134
99 U of Missouri Columbia	1,598	373	0	4	250	0	0	925	0	46	0
100 Wake Forest University	1,507	0	0	0	0	0	0	1,484	0	23	0
Total 1st 100 institutions	514,258	5,615	2,985	6,525	45,669	124	10,340	371,662	21,582	46,606	3,150

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: Departments of Housing and Urban Development, Interior, Labor, and Transportation; the Agency for International Development, the General Services Administration, the Nuclear Regulatory Commission, the Office of Justice Programs, and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total	14,337,901	12,235,569	248,222	49,023	636,291	209,837	958,959
Alabama, total	237,514	200,324	3,408	182	10,562	2,669	20,369
Alabama A & M University	9,164	6,511	0	18	432	78	2,125
Alabama State University	824	46	0	0	336	442	0
Auburn University	30,471	17,794	1,623	102	1,303	0	9,649
Birmingham Southern Col	16	0	0	12	4	0	0
Concordia College (Selma)	210	0	0	0	0	0	210
Jacksonville State U	118	118	0	0	0	0	0
Miles College	64	64	0	0	0	0	0
Oakwood College	444	108	211	0	70	55	0
Selma University	138	138	0	0	0	0	0
Stillman College	350	0	0	0	140	210	0
Talladega College	504	366	0	0	138	0	0
Trenholm State Tech Col	180	180	0	0	0	0	0
Troy State U Ctrl Off	75	0	0	0	75	0	0
Troy State U Main	56	18	0	0	38	0	0
Tuskegee University	12,262	7,272	1,500	0	756	529	2,205
U of Alabama Birmingham	144,072	134,107	0	50	4,261	1,355	4,299
U of Alabama Huntsville	21,322	19,767	0	0	1,055	0	500
U of Alabama Sys Off	489	489	0	0	0	0	0
U of Alabama, The	6,591	4,144	74	0	992	0	1,381
U of North Alabama	30	30	0	0	0	0	0
U of South Alabama	10,134	9,172	0	0	962	0	0
Alaska, total	32,650	23,984	160	0	566	3,072	4,868
Sheldon Jackson College	23	23	0	0	0	0	0
U of AK Anchorage All Cmp	3,893	1,942	0	0	259	1,500	192
U of AK Fairbanks All Cmp	27,837	21,122	160	0	307	1,572	4,676
U of AK Southeast	310	310	0	0	0	0	0
U of AK System Higher Ed	587	587	0	0	0	0	0
Arizona, total	182,895	155,644	2,628	813	8,447	3,066	12,297
Arizona State U Main	40,324	30,249	1,979	604	1,711	131	5,650
Dine College	1,145	944	0	0	50	151	0
Northern Arizona U	4,731	3,351	0	80	712	322	266
Pima County CC Dist	330	330	0	0	0	0	0
U & State Col AZ Sys Off	7	0	0	0	0	0	7
University of Arizona	136,358	120,770	649	129	5,974	2,462	6,374
Arkansas, total	57,442	41,605	1,162	158	2,951	324	11,242
Arkansas State U	228	75	0	0	153	0	0
Hendrix College	63	40	0	23	0	0	0
Lyon College	293	40	0	19	0	0	234
Ouachita Baptist U	210	0	0	0	0	0	210
Philander Smith College	45	0	0	0	13	32	0
U of Arkansas Little Rock	15,947	6,439	192	26	941	0	8,349
U of Arkansas Main	16,216	13,675	970	0	1,114	0	457
U of Arkansas Med Sci	18,686	18,170	0	0	516	0	0
U of Arkansas Monticello	2	0	0	0	2	0	0
U of Arkansas Pine Bluff	5,347	2,875	0	0	188	292	1,992
U of Central Arkansas	405	291	0	90	24	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
California, total	1,994,192	1,720,015	91,084	1,886	96,489	12,829	71,889
Azusa Pacific University	86	0	0	0	86	0	0
CA Inst of Technology	190,684	112,221	70,966	0	4,472	257	2,768
CA Institute of the Arts	1,150	1,150	0	0	0	0	0
CA Lutheran University	236	0	0	0	0	0	236
CA Schl Prof Psych Ctrl	400	400	0	0	0	0	0
CA St Poly U Pomona	965	789	0	87	89	0	0
CA St Poly U San Luis	1,918	1,237	0	140	541	0	0
CA St U Bakersfield	92	75	0	0	17	0	0
CA St U Chico	758	45	0	46	413	0	254
CA St U Dominguez Hills	476	278	0	0	142	35	21
CA St U Fresno	3,913	384	0	1	3,528	0	0
CA St U Fullerton	2,242	706	0	73	815	648	0
CA St U Hayward	520	358	0	67	95	0	0
CA St U Long Beach	4,419	2,939	96	115	820	449	0
CA St U Los Angeles	5,851	1,181	0	0	897	2,034	1,739
CA St U Northridge	1,521	414	0	0	920	187	0
CA St U Sacramento	1,098	608	0	0	30	0	460
CA St U San Bernardino	369	49	0	122	198	0	0
CA St U San Marcos	111	65	46	0	0	0	0
CA St U Stanislaus	208	18	0	190	0	0	0
CA St U System Office	361	286	0	0	67	8	0
Chabot College	30	0	0	30	0	0	0
Charles Drew U Med & Sci	5,762	5,394	0	0	358	10	0
Claremont Graduate U	125	125	0	0	0	0	0
Claremont McKenna College	55	55	0	0	0	0	0
Claremont U Ctr Sys Off	32	32	0	0	0	0	0
College of San Mateo	74	74	0	0	0	0	0
College of the Desert	300	300	0	0	0	0	0
College of the Redwoods	65	20	0	45	0	0	0
Contra Costa College	1,279	1,260	0	19	0	0	0
Cypress College	11	11	0	0	0	0	0
D-Q University	50	0	0	0	50	0	0
East Los Angeles College	366	30	0	0	0	336	0
El Camino College	14	0	0	14	0	0	0
Foothill-DeAnza CC SO	1,042	0	0	0	1,042	0	0
Fuller Theo Sem in CA	80	80	0	0	0	0	0
Grossmont College	25	0	0	25	0	0	0
Harvey Mudd College	1,343	950	0	0	0	114	279
Humboldt State University	1,020	925	0	0	95	0	0
LA Col of Chiropractic	402	402	0	0	0	0	0
LA Harbor College	206	206	0	0	0	0	0
Loma Linda University	8,437	8,329	0	0	108	0	0
Loyola Marymount U	172	0	94	56	22	0	0
Mills College	981	981	0	0	0	0	0
Monterey Inst Intl Stud	550	375	0	0	175	0	0
Monterey Peninsula Col	357	75	0	0	0	0	282
Mount San Antonio College	60	0	0	60	0	0	0
Mount St Marys Col LA CA	234	0	0	0	234	0	0
Natl Hispanic U(Oakland)	150	150	0	0	0	0	0
Natl Physical Sci Cnstrm	121	121	0	0	0	0	0
Occidental College	1,994	321	1,600	73	0	0	0
Pacific Grad Schl Psych	13	0	0	0	13	0	0
Palomar College	77	0	0	77	0	0	0
Pepperdine University	563	0	0	0	0	0	563

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, trainee ships, and training grants	General support for S&E	Other S&E activities
California, continued:							
Pitzer College	213	213	0	0	0	0	0
Point Loma Nazarene Col	57	57	0	0	0	0	0
Pomona College	468	418	50	0	0	0	0
Rancho Santiago College	28	0	0	28	0	0	0
Sam Merritt College	86	0	0	0	86	0	0
San Diego CC Dist Off	387	387	0	0	0	0	0
San Diego State U	25,094	21,816	0	31	2,950	0	297
San Fran State University	14,520	10,097	1,728	162	2,211	292	30
San Jose State University	14,273	11,174	72	90	1,786	658	493
Santa Clara University	1,036	857	0	72	107	0	0
Scripps Rsch Inst, The	2,808	2,808	0	0	0	0	0
Sonoma State University	336	39	0	0	50	0	247
Southern CA College	786	786	0	0	0	0	0
Southwestern Col Chl Vsta	143	0	0	0	0	143	0
St Mary's College of CA	24	24	0	0	0	0	0
Stanford University	317,932	294,859	1,717	0	17,476	300	3,580
U of CA Berkeley	175,032	138,999	270	57	10,210	9	25,487
U of CA Davis	110,268	95,968	5,541	100	2,772	396	5,491
U of CA Irvine	69,861	66,462	970	0	1,729	528	172
U of CA Los Angeles	226,653	208,356	660	9	10,038	167	7,423
U of CA Office of Pres	6,240	6,236	0	0	4	0	0
U of CA Riverside	21,097	20,272	366	0	387	43	29
U of CA San Diego	257,234	226,260	1,976	0	11,493	4,107	13,398
U of CA San Francisco	235,123	219,100	782	0	13,858	558	825
U of CA Santa Barbara	64,254	59,855	937	0	1,225	210	2,027
U of CA Santa Cruz	30,195	26,685	259	0	2,146	426	679
U of Redlands	40	0	0	40	0	0	0
U of San Diego	103	20	0	0	83	0	0
U of San Francisco	700	411	0	0	289	0	0
U of Southern California	175,137	164,049	2,954	0	2,362	914	4,858
U of the Pacific	267	267	0	0	0	0	0
Ventura Co CC Sys Off	25	0	0	25	0	0	0
West Val Mission CC Dist	251	0	0	0	0	0	251
Westmont College	119	119	0	0	0	0	0
Whittier College	2	2	0	0	0	0	0
Yuba College	32	0	0	32	0	0	0
Colorado, total	279,792	234,102	1,825	3,068	14,990	17,435	8,372
Aims Community College	92	0	0	0	92	0	0
Colorado Christian U	10	10	0	0	0	0	0
Colorado College	694	627	0	24	0	0	43
Colorado School of Mines	5,761	5,038	513	0	110	0	100
Colorado State University	61,751	51,266	348	111	1,685	3,943	4,398
Community Col Aurora	2,750	0	0	2,750	0	0	0
Community Col Denver	5	0	0	0	0	5	0
Front Range CC	284	0	0	0	284	0	0
Metro State Col of Denver	746	746	0	0	0	0	0
Natl Technological U	137	0	0	0	0	0	137
Regis University	82	18	0	0	64	0	0
Trinidad State Junior Col	272	0	0	0	0	0	272
U of Colorado	197,416	168,953	964	123	11,105	13,122	3,149
U of Denver	7,245	6,980	0	0	202	0	63
U of Northern Colorado	2,095	379	0	60	1,446	0	210

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Colorado, continued:							
U of Southern Colorado	450	85	0	0	0	365	0
Western State Col of CO	2	0	0	0	2	0	0
Connecticut, total	271,161	246,182	3,017	173	14,234	1,058	6,497
Capital Cmty Tech Col	260	260	0	0	0	0	0
Central Connecticut St U	115	102	0	0	13	0	0
Connecticut College	192	192	0	0	0	0	0
Fairfield University	109	80	0	0	29	0	0
Sacred Heart University	61	0	0	40	21	0	0
Southern Connecticut St U	185	51	0	0	134	0	0
St Joseph Col (W Hrtfrd)	197	0	175	0	22	0	0
Trinity Col (Hartford)	459	459	0	0	0	0	0
U of Connecticut	53,193	43,725	1,941	86	1,486	724	5,231
U of Hartford	427	180	0	47	200	0	0
U of New Haven	169	169	0	0	0	0	0
Wesleyan University	3,672	3,582	0	0	58	28	4
Western Connecticut St U	175	175	0	0	0	0	0
Yale University	211,947	197,207	901	0	12,271	306	1,262
Delaware, total	42,632	32,940	1,988	25	1,746	898	5,035
Delaware State University	3,167	1,166	0	0	917	23	1,061
Delaware Tech & CC	486	0	0	0	2	0	484
U of Delaware	38,925	31,774	1,988	25	773	875	3,490
Wilmington Col (N Cstl)	54	0	0	0	54	0	0
District of Columbia, total	175,363	142,130	1,431	0	6,959	6,485	18,358
American University	2,272	1,522	0	0	22	0	728
Catholic U of America	4,086	3,712	116	0	212	0	46
Cnsrtm Ocean Rsch & Ed	649	649	0	0	0	0	0
Gallaudet University	1,792	1,082	0	0	710	0	0
George Washington U	33,671	30,473	735	0	2,440	0	23
Georgetown University	95,072	73,604	100	0	1,820	3,707	15,841
Howard University	33,860	29,207	480	0	1,445	1,970	758
Sci & Eng Alliance, Inc	75	75	0	0	0	0	0
Strayer College	7	0	0	0	7	0	0
University of DC	3,879	1,806	0	0	303	808	962
Florida, total	317,244	267,913	5,284	510	17,907	9,155	16,475
Barry University	1,610	0	0	0	1,144	466	0
Bethune Cookman College	958	2	0	0	32	605	319
Brevard Community College	104	33	0	70	1	0	0
Broward Community College	260	250	0	10	0	0	0
Eckerd College	70	65	0	0	5	0	0
Edward Waters College	100	100	0	0	0	0	0
Embry Riddle Aeronautcl U	839	603	0	0	0	0	236
Florida A&M University	17,164	11,339	550	25	2,178	1,115	1,957
Florida Atlantic U	7,220	6,761	0	22	294	143	0
Florida CC Jacksonville	50	50	0	0	0	0	0
Florida Inst of Tech	1,508	1,295	0	9	42	157	5
Florida International U	10,917	8,292	0	26	111	886	1,602
Florida Memorial College	55	0	0	0	30	25	0
Florida State University	48,196	45,296	740	0	167	669	1,324
Indian River CC	364	364	0	0	0	0	0
Jacksonville University	16	0	0	16	0	0	0
Miami-Dade CC	222	222	0	0	0	0	0
Nova Southeastern U	905	727	0	0	178	0	0
Rollins College	55	55	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Florida, continued							
Santa Fe CC (Gainesville)	27	27	0	0	0	0	0
St Leo College	5	0	0	5	0	0	0
St Petersburg Jr Col	31	0	0	31	0	0	0
State U System FL Sys Off	2,348	1,174	0	0	141	1,033	0
Stetson University	22	0	0	22	0	0	0
University of Central FL	12,450	10,924	0	13	806	89	618
University of Florida	103,097	81,495	3,921	121	7,280	92	10,188
University of Miami	84,325	76,826	65	40	3,673	3,706	15
University of North FL	460	460	0	0	0	0	0
University of South FL	22,149	20,136	8	100	1,825	0	80
University of Tampa	96	96	0	0	0	0	0
University of West FL	1,390	1,221	0	0	0	169	0
Valencia CC	231	100	0	0	0	0	131
Georgia, total	324,462	255,638	2,080	673	12,091	7,460	46,520
Agnes Scott College	94	94	0	0	0	0	0
Albany State University	482	0	0	0	430	52	0
Atlanta Metropolitan Col	52	52	0	0	0	0	0
Berry College	34	0	34	0	0	0	0
Clark Atlanta University	15,272	11,759	250	0	767	2,311	185
Emory University	85,362	80,249	1,159	0	3,462	482	10
Fort Valley State U	5,122	2,582	0	0	8	0	2,532
Georgia Inst of Tech	92,333	67,890	440	17	1,783	189	22,014
Georgia Southern U	673	372	197	18	86	0	0
Georgia State University	8,689	7,312	0	0	311	0	1,066
Griffin Technical Inst	25	25	0	0	0	0	0
Inst Paper Sci & Tech	5,020	5,020	0	0	0	0	0
Kennesaw State University	567	513	0	54	0	0	0
La Grange College	5	0	0	5	0	0	0
Medical Col of Georgia	13,703	12,446	0	0	1,093	0	164
Mercer U	7,962	3,693	0	99	0	0	4,170
Morehouse College	8,964	7,555	0	0	979	0	430
Morehouse College of Med	13,923	10,824	0	0	225	2,824	50
Morris Brown College	2,468	1,430	0	480	50	508	0
North GA Col & State U	28	28	0	0	0	0	0
Paine College	27	27	0	0	0	0	0
SECME, Inc	25	25	0	0	0	0	0
Savannah State University	454	454	0	0	0	0	0
Spelman College	2,598	1,253	0	0	654	691	0
State U of West Georgia	48	48	0	0	0	0	0
University Sys of Georgia	213	213	0	0	0	0	0
University of Georgia	60,129	41,623	0	0	2,204	403	15,899
Valdosta State University	60	21	0	0	39	0	0
Wesleyan College (Macon)	130	130	0	0	0	0	0
Hawaii, total	70,073	57,299	187	0	1,999	5,357	5,231
Leeward Community College	236	0	0	0	0	0	236
Maui Community College	50	0	0	0	0	50	0
U of Hawaii Hilo	7,129	6,874	0	0	4	0	251
U of Hawaii Manoa	55,420	44,584	187	0	1,893	4,012	4,744
U of Hawaii System Office	7,238	5,841	0	0	102	1,295	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Idaho, total	18,838	12,560	151	1,008	678	4	4,437
Boise State University	1,784	1,530	0	0	0	0	254
Idaho State University	980	514	0	0	466	0	0
Lewis-Clark State College	1,007	0	0	1,007	0	0	0
Northwest Nazarene Col	95	95	0	0	0	0	0
University of Idaho	14,972	10,421	151	1	212	4	4,183
Illinois, total	521,388	452,314	15,274	619	27,034	2,588	23,559
Augustana Col (Rock Isld)	185	185	0	0	0	0	0
Aurora College	5	0	0	0	5	0	0
Bradley University	2,886	145	0	49	17	0	2,675
Chicago State University	2,332	1,433	0	0	0	899	0
City Col Chicago	150	150	0	0	0	0	0
Concordia U (Rvr Forest)	23	0	0	23	0	0	0
De Paul University	1,989	1,531	422	0	36	0	0
East West University	236	0	0	0	0	0	236
Eastern Illinois U	251	0	0	150	101	0	0
Elmhurst College	48	0	0	48	0	0	0
Finch U Hlth Sci/Chic Med	5,470	5,398	0	0	72	0	0
Governors State U	30	0	0	0	30	0	0
Illinois College Optmtry	30	0	0	0	0	0	30
Illinois E CC Sys Off	80	0	0	0	0	0	80
Illinois Inst of Tech	8,113	5,627	115	60	274	0	2,037
Illinois State University	2,159	1,937	0	0	0	0	222
Illinois Wesleyan U	94	4	90	0	0	0	0
Joliet Junior College	172	172	0	0	0	0	0
Knox College	43	43	0	0	0	0	0
Lake Forest College	123	123	0	0	0	0	0
Lewis University	21	0	0	0	21	0	0
Loyola U of Chicago	14,188	13,767	0	0	228	193	0
Mennonite Col of Nursing	11	0	0	0	11	0	0
Metropolitan CC	75	70	0	5	0	0	0
Midwestern University	1,503	540	0	0	915	0	48
Millikin University	171	100	0	71	0	0	0
Naes College	153	153	0	0	0	0	0
National Col Chiropractic	118	118	0	0	0	0	0
Northeastern Illinois U	60	34	0	26	0	0	0
Northern Illinois U	3,750	2,498	0	0	1,244	6	2
Northwestern University	119,313	109,279	2,653	0	4,928	355	2,098
Oakton Community College	200	200	0	0	0	0	0
Olivet Nazarene U	100	100	0	0	0	0	0
Rush University	838	669	0	0	169	0	0
Sherwood Cnsrvtry Music	156	156	0	0	0	0	0
Southern IL U	122	112	0	0	0	0	10
Southern IL U Carbondale	6,637	6,275	0	32	68	0	262
Southern IL U Edwardsvlle	264	219	0	0	45	0	0
St Augustine CC	2	2	0	0	0	0	0
St Xavier University	38	0	0	0	38	0	0
U of IL Central Office	10,085	9,785	0	0	7	293	0
U of IL Chicago	61,552	55,833	1,106	0	3,219	455	939
U of IL Urbana-Champaign	143,900	116,740	8,005	119	6,105	0	12,931
University of Chicago	132,870	118,110	2,883	0	9,501	387	1,989
Western Illinois U	828	806	0	22	0	0	0
William Rainey Harper Col	14	0	0	14	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Indiana, total	209,979	180,173	2,613	776	6,598	1,704	18,115
Ball State University	548	494	0	46	8	0	0
Butler University	66	56	0	10	0	0	0
De Pauw University	90	90	0	0	0	0	0
Earlham College	34	0	0	34	0	0	0
Indiana State U All Camp	403	297	0	85	21	0	0
Indiana U	99,978	90,158	1,260	135	4,056	1,000	3,369
Indiana Wesleyan U	34	0	0	0	34	0	0
Manchester College	16	16	0	0	0	0	0
Purdue University	88,311	70,557	407	237	2,255	664	14,191
Rose-Hulman Inst of Tech	349	280	0	36	0	0	33
St Mary of the Woods Col	87	87	0	0	0	0	0
Taylor University	69	39	0	30	0	0	0
Tri State University	65	0	0	65	0	0	0
University of Evansville	83	2	0	68	13	0	0
University of Notre Dame	19,626	17,906	946	30	182	40	522
Valparaiso University	220	191	0	0	29	0	0
Iowa, total	168,947	138,843	2,901	133	6,351	1,509	19,210
Coe College	190	180	0	10	0	0	0
Dordt College	45	45	0	0	0	0	0
Drake University	445	221	0	0	194	0	30
Eastern Iowa CC	143	0	0	0	143	0	0
Grinnell College	499	224	275	0	0	0	0
Indian Hills CC	1	1	0	0	0	0	0
Iowa State University	58,975	42,854	737	19	1,139	176	14,050
Kirkwood CC	275	275	0	0	0	0	0
Loras College	66	62	0	0	4	0	0
Maharishi U of Mgmt	439	404	0	0	35	0	0
Morningside College	10	0	0	10	0	0	0
University of Iowa	106,516	93,542	1,889	37	4,836	1,333	4,879
University of N Iowa	1,343	1,035	0	57	0	0	251
Kansas, total	80,368	64,492	913	107	5,202	91	9,563
Emporia State University	75	0	0	0	75	0	0
Fort Scott CC	22	0	0	22	0	0	0
Garden City CC	25	25	0	0	0	0	0
Haskell Indian Nations U	636	575	0	0	61	0	0
Kansas Newman College	94	94	0	0	0	0	0
Kansas State University	27,224	18,237	551	0	387	0	8,049
Pittsburg St U (Pittsbrg)	83	65	0	0	18	0	0
University of Kansas	49,762	43,347	362	85	4,599	91	1,278
Wichita State University	2,447	2,149	0	0	62	0	236
Kentucky, total	88,395	69,256	218	402	3,328	366	14,825
Centre College	61	0	0	61	0	0	0
Eastern Kentucky U	119	10	0	26	83	0	0
Kentucky State University	6,096	2,680	0	0	203	208	3,005
Morehead State University	114	20	0	41	0	0	53
Murray State University	259	185	0	32	42	0	0
Northern Kentucky U	239	216	0	23	0	0	0
Spalding University	34	0	0	0	34	0	0
Transylvania University	12	12	0	0	0	0	0
U of Kentucky All Cmp	70,192	55,713	218	142	2,351	54	11,714

See explanatory information, if any, and SOURCE at end of table

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Kentucky, continued:							
U of Louisville	10,108	9,460	0	19	502	104	23
Western Kentucky U	1,161	960	0	58	113	0	30
Louisiana, total	148,158	121,057	3,158	60	5,080	3,248	15,555
Centenary College of LA	54	45	0	9	0	0	0
Dillard University	228	206	0	0	0	22	0
Grambling State U	3,674	2,960	0	0	243	471	0
LA St U All Campuses	75,233	60,706	1,264	33	2,883	808	9,539
LA St U System Office	1,952	1,483	0	2	165	293	9
Louisiana Tech University	2,050	1,412	600	0	22	0	16
Loyola U New Orleans	97	97	0	0	0	0	0
McNeese State University	39	39	0	0	0	0	0
Northeast Louisiana U	336	255	0	6	0	75	0
Northwestern St U (Natch)	50	0	0	0	50	0	0
Southeastern Louisiana U	595	303	0	10	0	0	282
Southern U A&M All Cmp	11,075	5,701	294	0	652	1,427	3,001
Tulane University	44,999	42,068	1,000	0	534	112	1,285
U of Southwstrn Louisiana	3,272	2,477	0	0	0	40	755
Xavier U of Louisiana	4,504	3,305	0	0	531	0	668
Maine, total	17,013	10,694	123	2,200	245	62	3,689
Bates College	371	371	0	0	0	0	0
Bowdoin College	64	64	0	0	0	0	0
Central Maine Tech Col	16	16	0	0	0	0	0
Colby College	304	181	123	0	0	0	0
College of the Atlantic	30	30	0	0	0	0	0
Husson College	27	0	0	0	27	0	0
Maine Maritime Academy	13	13	0	0	0	0	0
St Joseph's Col (N Wndhm)	11	11	0	0	0	0	0
U of Maine	14,521	8,551	0	2,200	61	62	3,647
U of Maine System Office	406	406	0	0	0	0	0
U of New England	513	345	0	0	126	0	42
U of Southern Maine	737	706	0	0	31	0	0
Maryland, total	938,400	791,081	6,900	734	25,374	11,715	102,596
Allegany Col (Cmbrlnd)	5	5	0	0	0	0	0
Baltimore City CC	278	278	0	0	0	0	0
Bowie State University	1,517	891	225	0	39	75	287
Capitol College	78	0	0	0	0	0	78
Charles County CC	22	22	0	0	0	0	0
Col of Notre Dame of MD	288	202	0	86	0	0	0
Coppin State College	379	0	0	0	379	0	0
Frostburg State U	261	20	0	0	0	0	241
Goucher College	22	5	0	17	0	0	0
Hood College	183	183	0	0	0	0	0
Johns Hopkins University	729,447	611,683	1,624	200	18,610	9,074	88,256
Loyola College	670	670	0	0	0	0	0
Montgomery Col All Cmp	99	99	0	0	0	0	0
Morgan State University	5,674	5,341	0	0	321	0	12
Prince Georges CC	379	344	0	30	5	0	0
Salisbury State U	141	0	0	0	40	101	0
St Mary's Col of MD	154	154	0	0	0	0	0
Towson University	222	79	0	143	0	0	0
U Sys of MD Headquarters	4,171	2,736	0	0	1,435	0	0
U of Baltimore	377	9	343	0	0	0	25
U of MD Baltimore	71,966	69,243	0	0	1,755	38	930

See explanatory information, if any, and SOURCE at end of table

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Maryland, continued:							
U of MD Baltimore County	7,845	5,334	1,500	67	143	26	775
U of MD Biotech Inst	5,178	2,590	594	0	234	1,712	48
U of MD Center for EES	1,019	1,019	0	0	0	0	0
U of MD College Park	103,473	88,507	2,614	146	1,645	425	10,136
U of MD Eastern Shore	3,969	1,347	0	0	654	160	1,808
U of MD University Col	431	317	0	0	114	0	0
Western Maryland College	152	3	0	45	0	104	0
Massachusetts, total	880,302	774,389	10,977	996	46,560	11,588	35,792
Amherst College	547	355	0	0	0	0	192
Assumption College	219	0	0	0	219	0	0
Bentley College	44	44	0	0	0	0	0
Boston College	10,302	9,719	0	40	437	106	0
Boston University	105,366	92,900	1,538	40	4,739	917	5,232
Brandeis University	24,370	22,273	205	0	1,801	0	91
Bridgewater State College	400	375	0	25	0	0	0
Bunker Hill CC	53	53	0	0	0	0	0
Clark University	1,773	1,677	0	40	56	0	0
Col of Our Lady of Elms	23	8	0	15	0	0	0
Col of the Holy Cross	176	176	0	0	0	0	0
Emerson College	188	0	0	0	188	0	0
Five Colleges Inc	71	71	0	0	0	0	0
Gordon Col (Wenham)	26	0	0	26	0	0	0
Hampshire College	655	655	0	0	0	0	0
Harvard University	242,078	205,360	269	0	20,791	7,273	8,385
Holyoke Community College	30	0	0	30	0	0	0
MA Bay Community College	60	60	0	0	0	0	0
MA Inst of Technology	261,317	229,174	6,455	0	12,332	2,120	11,236
MGH Inst Hlth Professions	100	100	0	0	0	0	0
Massasoit CC	11	0	0	11	0	0	0
Middlesex CC (Bedfrd)	392	392	0	0	0	0	0
Mount Holyoke College	901	846	0	55	0	0	0
Mount Wachusett CC	43	0	0	43	0	0	0
New Eng Col of Optometry	566	566	0	0	0	0	0
Northeastern University	15,267	14,590	0	14	386	164	113
Radcliffe College	586	586	0	0	0	0	0
Simmons College	1,172	879	0	0	83	0	210
Smith College	1,213	1,041	0	49	123	0	0
Springfield Col (Sprgfld)	92	0	0	0	92	0	0
Springfield Tech CC	513	427	0	86	0	0	0
Stonehill College	53	10	0	43	0	0	0
Suffolk University	20	0	0	20	0	0	0
Tufts University	42,228	38,380	1,592	41	1,931	0	284
U of MA Amherst	44,157	33,780	172	89	971	0	9,145
U of MA Boston	3,844	3,217	0	40	330	0	257
U of MA Central Office	366	366	0	0	0	0	0
U of MA Dartmouth	1,366	1,288	0	21	2	5	50
U of MA Lowell	5,113	4,915	0	60	62	0	76
U of MA Worcester	46,969	44,834	0	0	1,904	231	0
Wellesley College	1,561	1,367	150	38	0	0	6
Wentworth Inst of Tech	783	783	0	0	0	0	0
Westfield State College	19	0	0	19	0	0	0
Wheelock College	365	365	0	0	0	0	0
Williams College	811	811	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Massachusetts, continued:							
Woods Hole Ocean Inst	59,812	57,968	486	0	111	772	475
Worcester Polytech Inst	4,281	3,978	110	151	2	0	40
Michigan, total	454,959	404,031	3,105	856	18,180	8,786	20,001
Albion College	43	0	0	43	0	0	0
Andrews University	20	20	0	0	0	0	0
Bay Mills CC	50	0	0	0	50	0	0
Calvin College	313	288	0	25	0	0	0
Central Michigan U	338	208	0	125	0	0	5
Cnsrtm Intl Erth Sci Info	4,782	4,782	0	0	0	0	0
Cranbrook Acad of Art	236	0	0	0	0	236	0
Eastern Michigan U	801	397	365	39	0	0	0
Ferris State University	355	130	225	0	0	0	0
GMI Engineering Mgmt Inst	96	15	0	81	0	0	0
Grand Valley State U	462	8	0	101	38	79	236
Hope College	612	566	0	46	0	0	0
Kellogg Community College	23	23	0	0	0	0	0
Lake Michigan College	11	0	0	11	0	0	0
Lake Superior State U	5	5	0	0	0	0	0
Lawrence Technological U	88	58	0	26	0	0	4
Michigan State University	85,425	64,492	650	21	1,749	4,354	14,159
Michigan Tech University	9,789	9,516	251	0	22	0	0
Northern Michigan U	270	0	0	0	34	0	236
Northwestern Michigan Col	15	0	0	15	0	0	0
Oakland University	4,478	3,276	1,000	107	95	0	0
Saginaw Valley State U	702	608	0	0	94	0	0
Spring Arbor College	2	0	0	0	2	0	0
U of Detroit Mercy	282	102	0	110	20	0	50
U of Michigan	282,423	261,284	188	58	13,933	2,437	4,523
Wayne State University	59,273	55,016	221	0	1,646	1,680	710
Western Michigan U	4,065	3,237	205	48	497	0	78
Minnesota, total	225,288	195,527	2,977	519	8,142	3,086	15,037
Augsburg College	430	430	0	0	0	0	0
Bemidji State University	11	0	0	11	0	0	0
Carleton College	611	609	0	0	2	0	0
Century Cmty & Tech Col	242	0	0	0	0	0	242
College of St Catherine	16	0	0	0	16	0	0
College of St Scholastica	231	0	0	0	21	0	210
Gustavus Adolphus College	445	190	0	17	0	0	238
Hamline University	137	100	0	37	0	0	0
Leech Lake Tribal College	50	0	0	0	50	0	0
Macalester College	421	230	110	81	0	0	0
Mankato State University	573	440	0	23	110	0	0
Mesabi Range Cmty&Tech	232	232	0	0	0	0	0
Metropolitan State U	3	3	0	0	0	0	0
Moorhead State University	30	30	0	0	0	0	0
Northland Cmty & Tech Col	1	0	0	0	1	0	0
Riverland CC	158	100	0	58	0	0	0
St Cloud State University	189	189	0	0	0	0	0
St Mary's U of Minnesota	13	0	0	13	0	0	0
St Olaf College	353	308	0	45	0	0	0
St Paul Tech College	95	0	0	0	95	0	0
U of Minnesota	220,684	192,556	2,867	46	7,782	3,086	14,347

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Minnesota, continued:							
U of St Thomas (St Paul)	225	100	0	102	23	0	0
Winona State University	138	10	0	86	42	0	0
Mississippi, total	74,365	46,010	4,684	73	2,617	3,520	17,461
Alcorn State University	5,394	2,671	0	0	190	446	2,087
Delta State University	25	25	0	0	0	0	0
Jackson State University	6,084	3,712	0	0	1,016	349	1,007
Millsaps College	2	0	0	0	2	0	0
Mississippi College	25	0	0	25	0	0	0
Mississippi Rsch Cnstrm	584	584	0	0	0	0	0
Mississippi State U	37,423	21,476	0	7	387	1,776	13,777
Mississippi U for Women	59	0	0	0	59	0	0
Rust College	104	100	0	0	4	0	0
Tougaloo College	354	77	0	0	87	190	0
U of Mississippi	19,147	13,037	4,684	15	428	759	224
U of Southern Mississippi	5,164	4,328	0	26	444	0	366
Missouri, total	293,247	257,908	468	710	14,622	1,338	18,201
Central Missouri St U	24	24	0	0	0	0	0
Crowder College	210	0	0	0	0	0	210
Drury College	100	100	0	0	0	0	0
Evangel College	118	13	80	25	0	0	0
Harris Stowe State Col	88	88	0	0	0	0	0
Kirksville Col Osteo Med	1,638	380	0	0	1,258	0	0
Lincoln U (Jefferson City)	5,440	1,964	0	35	1	477	2,963
Missouri Southern St Col	15	15	0	0	0	0	0
Missouri Western St Col	26	26	0	0	0	0	0
Northwest Missouri St U	253	0	0	0	0	0	253
Rockhurst College	1	0	0	0	1	0	0
Southeast Missouri St U	293	92	0	90	111	0	0
Southwest Missouri St U	190	81	0	78	2	0	29
St Louis University	24,003	23,486	0	0	294	0	223
Truman State University	472	407	0	65	0	0	0
U of Missouri Columbia	45,246	30,279	37	100	1,598	0	13,232
U of Missouri Kansas City	5,061	4,818	0	0	151	92	0
U of Missouri Rolla	5,099	4,175	351	317	246	0	10
U of Missouri St Louis	2,992	2,941	0	0	44	0	7
U of Missouri Sys Admin	3,124	2,447	0	0	677	0	0
Washington University	198,854	186,572	0	0	10,239	769	1,274
Montana, total	38,938	26,089	1,230	19	2,059	377	9,164
Blackfeet CC	106	0	0	0	50	56	0
Carroll College (Helena)	11	0	0	0	11	0	0
Dull Knife Memorial Col	50	0	0	0	50	0	0
Fort Belknap College	109	0	0	0	50	59	0
Fort Peck CC	260	0	0	0	210	50	0
Little Big Horn College	73	0	0	0	50	23	0
Montana State U Billings	437	333	0	0	104	0	0
Montana State U Bozeman	23,409	15,557	141	1	661	139	6,910
Montana State U Northern	210	0	0	0	0	0	210
Montana Tech of U of MT	1,579	581	980	18	0	0	0
Montana U Sys-Sys Off	1,460	460	0	0	0	0	1,000
Rocky Mountain College	18	0	0	0	0	0	18
Salish Kootenai College	1,749	1,255	0	0	418	50	26
Stone Child College	324	274	0	0	50	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Montana, continued							
U of Montana, The	9,094	7,580	109	0	405	0	1,000
Western Montana College	49	49	0	0	0	0	0
Nebraska, total	65,110	50,809	257	38	1,887	377	11,742
Chadron State College	15	1	0	0	14	0	0
Creighton University	4,130	3,795	22	13	74	0	226
Nebraska Indian CC	50	0	0	0	50	0	0
Northeast CC (Norfolk)	1	0	0	0	1	0	0
U of Nebraska Ctrl Admin	1,016	639	0	3	358	16	0
U of Nebraska Kearney	451	429	0	22	0	0	0
U of Nebraska Lincoln	42,043	29,567	235	0	945	361	10,935
U of Nebraska Med Ctr	16,326	15,556	0	0	189	0	581
U of Nebraska Omaha	1,078	822	0	0	256	0	0
Nevada, total	27,301	23,032	0	31	677	1,099	2,462
Desert Research Institute	3,235	3,188	0	0	22	0	25
U & CC Sys of NV SO	2,134	2,132	0	0	0	2	0
U of Nevada Las Vegas	6,322	5,753	0	31	307	0	231
U of Nevada Reno	15,610	11,959	0	0	348	1,097	2,206
New Hampshire, total	77,345	68,951	476	35	2,341	1,286	4,256
Daniel Webster College	12	0	0	0	0	0	12
Dartmouth College	47,137	44,900	0	0	1,506	0	731
Franklin Pierce College	38	38	0	0	0	0	0
NH Cmty Tech Berlin Lac	100	0	0	0	0	0	100
NH Cmty Tech Nashua Clrmt	5	5	0	0	0	0	0
Rivier College	30	0	0	0	30	0	0
St Anselm College	66	66	0	0	0	0	0
U System of NH Sys Off	3,104	1,671	0	0	233	1,200	0
U of NH Durham	26,703	22,121	476	35	572	86	3,413
U of NH Keene St Col	150	150	0	0	0	0	0
New Jersey, total	224,737	198,759	4,288	176	8,689	2,378	10,447
Camden County College	3	0	0	0	3	0	0
College of N Jersey, The	712	600	0	0	112	0	0
Drew University	153	153	0	0	0	0	0
Jersey City State College	232	0	0	0	232	0	0
Mercer County CC	52	52	0	0	0	0	0
Middlesex County College	1,493	1,493	0	0	0	0	0
Monmouth University	111	111	0	0	0	0	0
Montclair St University	1,015	1,015	0	0	0	0	0
New Jersey Inst of Tech	6,196	4,716	203	129	0	207	941
Princeton University	75,068	66,968	467	0	3,876	1,232	2,525
Ramapo College of NJ	510	300	0	0	0	0	210
Richard Stockton Col NJ	226	226	0	0	0	0	0
Rowan University	15	15	0	0	0	0	0
Rutgers St U of NJ	78,378	65,769	3,618	47	2,261	939	5,744
Seton Hall University	364	297	0	0	67	0	0
Stevens Institute of Tech	3,364	3,193	0	0	171	0	0
U of Med & Dent of NJ	56,845	53,851	0	0	1,967	0	1,027
New Mexico, total	129,645	90,310	2,917	19,782	5,552	1,761	9,323
Albuquerque T-Vl A CC	335	335	0	0	0	0	0
College of Santa Fe	337	337	0	0	0	0	0
Eastern NM U	114	0	0	0	114	0	0
Inst Ind AK Culture & Art	71	21	0	0	50	0	0
Luna Vocation Tech Inst	50	0	0	0	0	50	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New Mexico, continued:							
New Mexico Highlands U	3,245	2,224	0	81	225	715	0
New Mexico Inst Mining	9,621	8,294	331	21	27	0	948
New Mexico St U	49,151	38,382	2,320	175	917	460	6,897
Northern New Mexico CC	750	0	0	750	0	0	0
Santa Fe CC (Sante Fe NM)	121	0	0	0	121	0	0
Southwestrn Indian Poly	50	0	0	0	50	0	0
U Albuquerque	197	197	0	0	0	0	0
U of New Mexico	65,459	40,520	266	18,710	3,949	536	1,478
Western New Mexico U	144	0	0	45	99	0	0
New York, total	1,140,506	1,017,749	18,419	1,783	48,716	10,588	43,251
Adelphi University	269	269	0	0	0	0	0
Albany Col of Pharmacy	357	357	0	0	0	0	0
Albany Law Schl Union U	26	0	0	0	26	0	0
Albany Medical College	5,251	5,002	0	0	249	0	0
Alfred University	996	996	0	0	0	0	0
Bank Street Col of Ed	304	304	0	0	0	0	0
Bard College	60	60	0	0	0	0	0
Barnard College	839	810	0	19	0	0	10
CUNY Bernard Baruch Col	206	181	0	0	25	0	0
CUNY Boro of Manhattan CC	210	150	0	60	0	0	0
CUNY Bronx CC	1,032	0	0	0	0	1,032	0
CUNY Brooklyn College	1,716	1,716	0	0	0	0	0
CUNY City College	12,801	11,126	0	77	704	886	8
CUNY Col Staten Island	584	584	0	0	0	0	0
CUNY Grad Schl & U Ctr	3,254	3,070	0	0	184	0	0
CUNY Herbert H Lehman Col	1,134	610	0	0	66	458	0
CUNY Hostos CC	50	0	0	0	0	50	0
CUNY Hunter College	6,537	4,920	386	84	620	527	0
CUNY J Jay Col Crim Just	1,051	997	0	0	0	54	0
CUNY Laguardia CC	70	0	0	70	0	0	0
CUNY Mt Sinai Schl of Med	65,589	62,386	0	0	2,222	587	394
CUNY NY City Tech Col	58	58	0	0	0	0	0
CUNY Queens College	1,891	1,647	0	47	88	0	109
CUNY Queensboro CC	346	304	0	42	0	0	0
CUNY System Office	9,123	7,621	0	0	1,321	0	181
CUNY York College	1,497	195	0	0	266	1,036	0
Canisius College	289	149	0	46	94	0	0
Clarkson University	2,761	2,188	412	15	146	0	0
Colgate University	351	292	0	59	0	0	0
College of Mt St Vincent	23	0	0	0	23	0	0
College of New Rochelle	28	0	0	0	28	0	0
Columbia U Central Off	3,177	2,081	0	0	0	0	1,096
Columbia U City New York	204,738	189,980	1,362	100	11,225	418	1,653
Cooper Union	464	0	460	0	4	0	0
Cornell University	230,700	178,194	11,282	108	10,001	1,207	29,908
D'Youville College	177	134	0	0	43	0	0
Finger Lakes CC	32	0	0	32	0	0	0
Fordham University	1,126	1,026	0	100	0	0	0
Hamilton College	275	226	0	49	0	0	0
Hobart & Wm Smith Cols	84	84	0	0	0	0	0
Hofstra University	517	414	0	0	103	0	0
Iona College	95	95	0	0	0	0	0
Ithaca College	199	199	0	0	0	0	0
Long Island University	1,045	570	0	0	0	475	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New York, continued							
Manhattan College	8	8	0	0	0	0	0
Mercy Col (Dobbs Ferry)	119	58	0	0	0	0	61
NY Inst of Tech	212	212	0	0	0	0	0
NY Medical College	11,081	11,014	0	0	55	0	12
NY University	90,290	84,169	1,249	27	4,737	0	108
New School Social Rsch	207	207	0	0	0	0	0
Niagara University	57	38	0	0	19	0	0
Pace University	501	197	0	0	304	0	0
Polytechnic University	3,267	2,971	0	61	100	135	0
Regents Col, U of St NY	88	88	0	0	0	0	0
Rensselaer Polytech Inst	20,177	18,876	850	86	114	213	38
Roberts Wesleyan College	94	94	0	0	0	0	0
Rochester Inst Technology	2,653	1,985	16	182	42	0	428
Rockefeller University	47,682	46,029	313	0	1,216	114	10
Russell Sage College	87	0	0	15	72	0	0
SUNY Col Brockport	225	139	0	0	86	0	0
SUNY Col Buffalo	3,500	2,804	232	0	464	0	0
SUNY Col Cortland	750	726	0	24	0	0	0
SUNY Col Env Sci & Forest	1,260	1,180	0	0	80	0	0
SUNY Col Fredonia	162	162	0	0	0	0	0
SUNY Col Geneseo	446	205	0	0	0	0	241
SUNY Col Old Westbury	906	397	0	0	267	242	0
SUNY Col Oneonta	43	43	0	0	0	0	0
SUNY Col Oswego	75	75	0	0	0	0	0
SUNY Col Plattsburgh	769	744	0	25	0	0	0
SUNY Col Potsdam	15	15	0	0	0	0	0
SUNY Col of Optometry	322	304	0	0	18	0	0
SUNY Corning CC	66	0	0	0	0	66	0
SUNY Farmingdale	47	0	0	47	0	0	0
SUNY Hlth Sci Ctr Brklyn	18,047	17,468	500	0	75	0	4
SUNY Hlth Sci Ctr Syracus	9,384	9,334	0	0	50	0	0
SUNY Inst Tech Utica Rome	34	0	0	34	0	0	0
SUNY Jefferson CC	38	0	0	38	0	0	0
SUNY Maritime College	14	0	0	14	0	0	0
SUNY Nassau CC	81	81	0	0	0	0	0
SUNY Purchase Col	185	185	0	0	0	0	0
SUNY Sullivan Co CC	20	20	0	0	0	0	0
SUNY System Office	2,244	1,874	0	0	0	134	236
SUNY at Albany	15,999	15,900	0	0	84	0	15
SUNY at Binghamton	5,237	5,035	0	101	101	0	0
SUNY at Buffalo	43,600	37,772	0	39	1,771	0	4,018
SUNY at New Paltz	105	89	0	0	16	0	0
SUNY at Stony Brook	82,702	75,718	315	0	1,726	1,715	3,228
Siena College (Loudnvl)	8	8	0	0	0	0	0
Skidmore College	51	51	0	0	0	0	0
St John Fisher College	72	45	0	0	27	0	0
St Johns University (NY)	983	305	0	0	0	678	0
Syracuse University	16,017	15,159	0	0	494	146	218
Teachers Col Columbia U	2,177	2,122	0	0	55	0	0
Union Col (Schenectady)	172	124	0	34	14	0	0
University of Rochester	118,509	110,951	634	131	5,303	215	1,275
Vassar College	335	318	0	17	0	0	0
Wagner College	12	0	0	0	12	0	0
Webb Institute	17	17	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New York, continued							
Wells College	4	0	0	0	4	0	0
Yeshiva University NY	78,018	73,438	408	0	3,972	200	0
North Carolina, total	543,479	465,193	5,139	2,523	28,997	14,414	27,213
Appalachian St University	656	410	0	47	199	0	0
Barber Scotia College	50	0	0	0	0	50	0
Bennett Col (Greensboro)	131	26	0	0	53	0	52
Brunswick CC	2,000	0	0	2,000	0	0	0
Central Piedmont CC	245	245	0	0	0	0	0
Davidson College	402	0	400	0	2	0	0
Duke University	176,225	164,886	419	27	8,638	394	1,861
East Carolina University	4,385	3,973	0	0	412	0	0
Elizabeth City State U	1,279	1,279	0	0	0	0	0
Elon College	79	37	0	42	0	0	0
Fayetteville State U	1,246	178	0	0	50	1,018	0
Guilford College	86	0	86	0	0	0	0
Johnson C Smith U	971	216	0	0	273	272	210
Livingstone College	78	0	0	0	0	78	0
Mars Hill College	8	0	0	8	0	0	0
Methodist College	75	0	0	75	0	0	0
NC Ag & Tech State U	16,174	11,050	0	75	1,188	407	3,454
NC Central University	1,703	274	0	0	475	954	0
NC State U at Raleigh	77,041	55,116	227	0	1,641	1,113	18,944
Shaw University	367	92	0	0	65	150	60
St Andrews Prsbytn Col	147	147	0	0	0	0	0
St Augustines College	38	38	0	0	0	0	0
U of NC Asheville	232	232	0	0	0	0	0
U of NC Chapel Hill	181,153	164,603	1,097	0	13,190	904	1,359
U of NC Charlotte	2,406	1,732	0	50	613	1	10
U of NC General Admin Off	8,999	480	0	0	0	8,519	0
U of NC Greensboro	2,948	2,814	0	30	104	0	0
U of NC Pembroke	376	0	0	13	165	0	198
U of NC Wilmington	3,065	2,969	0	96	0	0	0
Wake Forest University	58,588	53,342	2,910	0	1,507	0	829
Wake Technical CC	200	200	0	0	0	0	0
Western Carolina U	544	248	0	60	0	0	236
Winston Salem State U	1,582	606	0	0	422	554	0
North Dakota, total	39,418	31,259	65	123	2,033	136	5,802
Bismarck State College	1	0	0	0	1	0	0
Cankdeska Cikana CC	86	0	0	0	50	36	0
Dickinson State U	1	0	0	0	1	0	0
Fort Bethold CC	50	0	0	0	50	0	0
Jamestown College	50	0	0	50	0	0	0
Mayville State University	73	0	0	73	0	0	0
Minot State University	222	0	0	0	222	0	0
North Dakota St U	13,980	9,643	65	0	7	1	4,264
Sitting Bull College	168	0	0	0	168	0	0
Turtle Mountain CC	1,193	984	0	0	50	0	159
U of North Dakota	23,412	20,632	0	0	1,401	0	1,379
United Tribes Tech Col	149	0	0	0	50	99	0
University of Mary	33	0	0	0	33	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Ohio, total	400,015	351,589	3,416	603	15,127	1,489	27,791
Ashland University	64	64	0	0	0	0	0
Baldwin Wallace College	259	259	0	0	0	0	0
Bowling Gr St U	2,901	2,293	115	41	164	0	288
Case Western Reserve U	144,868	136,514	1,200	15	6,068	168	903
Central State U (Wilbrfc)	963	959	0	0	4	0	0
Cincinnati St Tech & CC	60	0	0	60	0	0	0
Cleveland State U	2,664	2,547	0	44	65	0	8
College of Wooster	157	157	0	0	0	0	0
Columbus State CC	33	0	0	33	0	0	0
Cuyahoga CC	545	45	0	0	0	0	500
Denison University	160	160	0	0	0	0	0
John Carroll University	259	259	0	0	0	0	0
Kent State U	9,461	6,908	105	25	1,132	0	1,291
Kenyon College	423	423	0	0	0	0	0
Lorain County CC	19	19	0	0	0	0	0
Medical College of Ohio	8,758	8,061	0	0	697	0	0
Miami University All Cmp	4,919	3,730	560	0	127	0	502
Midwest U Cnsrtm Intl Act	48	48	0	0	0	0	0
Northeastern OH U Col Med	1,168	1,138	0	0	30	0	0
Oberlin College	406	324	0	82	0	0	0
Ohio Col Podiatric Med	39	0	0	0	39	0	0
Ohio Northern University	12	0	0	12	0	0	0
Ohio State U	111,069	91,088	311	0	2,250	889	16,531
Ohio University	6,817	6,026	162	0	129	0	500
Ohio Wesleyan University	423	237	0	0	0	0	186
Otterbein College	11	0	0	0	11	0	0
Shawnee State University	37	0	0	37	0	0	0
Sinclair Community Col	1,169	1,000	0	19	0	150	0
Stark State Col of Tech	7	7	0	0	0	0	0
U of Akron	4,128	3,715	0	0	124	53	236
U of Cincinnati	54,965	49,925	722	139	2,820	229	1,130
U of Dayton	30,128	24,275	0	29	108	0	5,716
U of Toledo	3,006	2,586	0	32	388	0	0
Wilberforce University	244	238	0	6	0	0	0
Wright State U	9,655	8,439	241	29	946	0	0
Xavier U (Cincinnati)	25	0	0	0	25	0	0
Youngstown State U	145	145	0	0	0	0	0
Oklahoma, total	79,505	49,049	1,080	514	3,063	3,587	22,212
Cameron University	13	13	0	0	0	0	0
Carl Albert State Col	236	0	0	0	0	0	236
East Central University	1,033	334	0	0	463	0	236
Langston University	3,853	1,576	0	0	195	96	1,986
Northeastern State U	91	91	0	0	0	0	0
Northern Oklahoma College	51	0	0	51	0	0	0
Oklahoma St U	35,975	17,246	1,080	408	366	25	16,850
Rogers University	237	0	0	0	1	0	236
Seminole State College	55	0	0	55	0	0	0
Southeastern OK St U	454	96	0	0	0	122	236
U of Oklahoma	34,250	26,604	0	0	1,870	3,344	2,432
U of Tulsa	3,257	3,089	0	0	168	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Oregon, total	173,839	138,188	6,230	441	11,578	7,758	9,644
Central Oregon CC	47	27	0	20	0	0	0
Chemeketa CC	1,000	1,000	0	0	0	0	0
Clatsop Community College	120	0	0	0	0	0	120
Eastern Oregon State Col	291	291	0	0	0	0	0
Lane Community College	60	0	0	60	0	0	0
Lewis & Clark College	459	247	0	22	190	0	0
Linfield College	18	18	0	0	0	0	0
Linn Benton Community Col	50	50	0	0	0	0	0
Oregon Grad Inst Sci Tech	10,408	10,161	0	0	68	144	35
Oregon Hlth Sciences U	53,199	46,810	93	0	4,949	102	1,245
Oregon Institute of Tech	480	480	0	0	0	0	0
Oregon State Sys Hi Ed	419	0	0	0	0	0	419
Oregon State University	72,435	51,352	5,345	53	1,491	7,512	6,682
Pacific University	51	0	0	51	0	0	0
Portland CC	68	0	0	68	0	0	0
Portland State U (OR)	3,081	2,843	0	31	198	0	9
Reed College	473	473	0	0	0	0	0
Southern Oregon U	113	113	0	0	0	0	0
University of Oregon	29,902	23,961	792	53	3,962	0	1,134
University of Portland	118	55	0	63	0	0	0
Western Oregon University	720	0	0	0	720	0	0
Western States Chiro Col	240	240	0	0	0	0	0
Willamette University	87	67	0	20	0	0	0
Pennsylvania, total	839,436	757,222	7,266	1,346	31,526	3,802	38,274
Allegheny College	71	71	0	0	0	0	0
Allegheny U Hlth Sciences	25,463	24,610	0	0	843	0	10
Beaver College (Glenside)	179	121	0	58	0	0	0
Bloomsburg U of PA	68	0	0	65	3	0	0
Bryn Mawr College	1,034	1,024	0	0	10	0	0
Bucknell University	145	145	0	0	0	0	0
CC Allegheny Co All Cmp	202	202	0	0	0	0	0
CC Philadelphia	209	209	0	0	0	0	0
California U of PA	147	147	0	0	0	0	0
Carlow College	45	24	0	21	0	0	0
Carnegie Mellon U	99,441	97,078	429	0	1,059	516	359
Chestnut Hill College	15	8	0	7	0	0	0
Clarion U of PA	142	142	0	0	0	0	0
College Misericordia	90	48	0	0	42	0	0
Dickinson College	822	822	0	0	0	0	0
Drexel University	8,526	8,051	102	165	31	107	70
Duquesne University	310	260	0	34	16	0	0
East Stroudsburg U of PA	31	0	0	31	0	0	0
Edinboro U of PA	21	0	0	21	0	0	0
Elizabethtown College	91	91	0	0	0	0	0
Franklin & Marshall Col	525	501	0	0	24	0	0
Gannon University	84	0	0	15	68	0	0
Geneva College	62	62	0	0	0	0	0
Gettysburg College	50	50	0	0	0	0	0
Gwynedd Mercy College	23	0	0	0	23	0	0
Harrisburg Area CC	88	0	0	87	1	0	0
Haverford College	629	629	0	0	0	0	0
Indiana U of PA	440	400	0	30	10	0	0
Juniata College	419	419	0	0	0	0	0
La Salle University	65	0	0	0	65	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Pennsylvania, continued							
Lafayette College	113	113	0	0	0	0	0
Lehigh Carbon CC	98	0	0	0	98	0	0
Lehigh University	13,643	12,887	635	0	0	39	82
Lincoln U (Linc U PA)	903	736	0	0	167	0	0
Mansfield U of PA	21	7	0	14	0	0	0
Mercyhurst College	101	0	0	0	101	0	0
Millersville U of PA	282	83	127	72	0	0	0
PA Col of Optometry	467	99	0	0	368	0	0
PA Col of Podiatric Med	30	0	0	0	0	0	30
PA St U University Park	190,193	155,468	946	167	3,844	963	28,805
Phila Col Osteopathic Med	120	120	0	0	0	0	0
Phila Col of Pharm & Sci	312	193	0	64	0	0	55
Phila Col of Text & Sci	100	50	0	50	0	0	0
Slippery Rock U of PA	224	94	0	34	96	0	0
St Francis Col (Loretto)	4,184	4,184	0	0	0	0	0
St Joseph's University	2,365	0	2,365	0	0	0	0
St Vincent College & Sem	38	0	0	38	0	0	0
Susquehanna University	104	104	0	0	0	0	0
Swarthmore College	589	533	0	54	2	0	0
Temple University	25,119	23,189	0	153	1,064	0	713
Thomas Jefferson U	52,837	50,212	0	0	2,417	208	0
U of Pennsylvania	240,764	218,840	2,337	121	14,086	1,093	4,287
U of Pittsburgh	165,960	154,030	325	0	6,929	813	3,863
U of Scranton	103	90	0	0	13	0	0
Ursinus College	20	0	0	20	0	0	0
Villanova University	1,024	919	0	0	42	63	0
Waynesburg College	7	0	0	7	0	0	0
West Chester U of PA	157	157	0	0	0	0	0
Westminster Col (N Wmgtn)	17	0	0	17	0	0	0
Widener U All Campuses	90	0	0	0	90	0	0
Wilkes University	14	0	0	0	14	0	0
Rhode Island, total	74,012	60,542	3,943	37	2,408	3,438	3,644
Brown University	43,093	40,026	88	0	2,056	0	923
Rhode Island College	496	459	0	37	0	0	0
Roger Williams U All Cmp	20	20	0	0	0	0	0
U of Rhode Island	30,403	20,037	3,855	0	352	3,438	2,721
South Carolina, total	111,858	89,646	1,307	590	3,306	3,554	13,455
Benedict College	1,073	690	0	0	216	167	0
Citadel Military Col SC	34	34	0	0	0	0	0
Claflin College	358	122	0	0	0	0	236
Clemson University	30,316	20,565	147	0	520	33	9,051
College of Charleston	750	488	0	22	240	0	0
Francis Marion University	22	0	0	22	0	0	0
Furman University	808	547	178	83	0	0	0
Greenville Tech College	50	0	0	0	0	50	0
Medical U of S Carolina	42,120	38,766	862	0	786	1,706	0
Midlands Tech College	210	180	0	0	0	0	30
Morris College	54	0	0	0	0	0	54
Piedmont Tech College	265	0	0	265	0	0	0
SC Sea Grant Consortium	3,226	1,906	0	0	158	1,162	0
SC State University	4,782	2,232	0	0	608	0	1,942
Trident Tech Col	230	0	0	89	0	0	141

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
South Carolina, continued							
U of SC All Campuses	27,247	24,116	120	32	778	200	2,001
Voorhees College	236	0	0	0	0	236	0
Winthrop University	77	0	0	77	0	0	0
South Dakota, total	19,334	8,529	2,619	104	787	0	7,295
Augustana Col (Sioux Fls)	115	115	0	0	0	0	0
Cheyenne River CC	50	0	0	0	50	0	0
Dakota State University	35	0	0	35	0	0	0
Mount Marty College	21	0	0	0	21	0	0
Northern State University	70	70	0	0	0	0	0
Oglala Lakota College	2,500	262	0	0	238	0	2,000
SD School Mines & Tech	3,123	2,782	0	0	197	0	144
SD State University	10,493	3,095	2,619	69	40	0	4,670
Sinte Gleska University	158	0	0	0	158	0	0
Sisseton Wahpeton CC	50	0	0	0	50	0	0
U of S Dakota	2,042	1,551	0	0	10	0	481
U of S Dakota Sys Off	677	654	0	0	23	0	0
Tennessee, total	207,613	170,472	2,708	462	12,686	1,654	19,631
Austin Peay State U	19	4	0	15	0	0	0
Belmont University	38	0	0	0	38	0	0
Columbia State CC	15	0	0	15	0	0	0
East Tennessee State U	1,298	800	0	0	456	0	42
Fisk University	1,993	1,663	127	0	0	203	0
Knoxville College	197	197	0	0	0	0	0
Lane College	22	0	0	0	0	0	22
Lincoln Memorial U	8	8	0	0	0	0	0
Maryville College (TN)	14	0	0	14	0	0	0
Meharry Medical College	12,577	9,920	0	0	1,459	1,091	107
Middle TN State U	70	42	0	0	0	0	28
Nashville State Tech Inst	220	220	0	0	0	0	0
Northeast State Tech CC	55	0	0	55	0	0	0
Rhodes College	234	199	0	35	0	0	0
Tennessee State U	12,420	8,411	0	0	802	210	2,997
Tennessee Technological U	789	532	112	74	0	10	61
Tusculum College	24	24	0	0	0	0	0
U of Memphis	5,413	5,285	0	128	0	0	0
U of Tennessee Chtnooga	977	804	0	39	134	0	0
U of Tennessee Knoxville	41,057	24,169	2,349	87	522	140	13,790
U of Tennessee Memphis	24,143	23,451	0	0	617	0	75
U of Tennessee U-Wide Adm	3,171	2,693	0	0	0	0	478
Vanderbilt University	102,859	92,050	120	0	8,658	0	2,031
Texas, total	772,016	683,203	3,806	1,845	29,863	9,636	43,663
Abilene Christian U	133	119	0	14	0	0	0
Alamo CC District	22	0	0	0	0	22	0
Baylor Col of Medicine	98,072	92,211	0	0	4,704	0	1,157
Baylor University	2,310	1,913	0	80	27	0	290
Brazosport College	36	0	0	36	0	0	0
Cedar Val Col (Lancastr)	12	0	0	12	0	0	0
El Paso Community College	72	72	0	0	0	0	0
Houston Community College	70	0	0	20	0	50	0
Huston Tillotson College	148	148	0	0	0	0	0
Jarvis Christian College	247	166	51	0	0	30	0
Lamar University	711	224	0	0	487	0	0
Laredo Community College	20	20	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Texas, continued:							
Le Tourneau University	53	0	0	0	0	0	53
Mountain View College	173	0	0	0	0	173	0
Our Lady of the Lake U	441	317	0	0	124	0	0
Panola College	200	181	0	19	0	0	0
Prairie View A&M U	8,649	4,791	0	0	22	275	3,561
Rice University	30,415	28,688	0	0	971	230	526
Sam Houston State U	1,295	1,268	0	0	27	0	0
Southern Methodist U	4,037	3,610	375	0	29	0	23
Southwest Texas St U	1,002	632	109	164	97	0	0
Southwestern Chrstn Col	54	0	0	0	0	54	0
St Edwards University	16	0	0	16	0	0	0
St Marys U (San Antonio)	375	0	0	0	255	120	0
Stephen F Austin St U	859	390	0	6	463	0	0
Tarleton State University	7,851	7,617	0	0	234	0	0
Temple College	90	0	0	90	0	0	0
Texas A&M International U	2,014	1,880	0	32	0	102	0
Texas A&M U	78,296	51,283	1,828	0	2,036	3,363	19,786
Texas A&M U Commerce	130	130	0	0	0	0	0
Texas A&M U Corpus Chrsti	472	405	0	20	47	0	0
Texas A&M U Galveston	1,176	1,176	0	0	0	0	0
Texas A&M U Kingsville	942	795	0	0	26	121	0
Texas A&M U Sys Baylor	665	451	0	0	214	0	0
Texas A&M U System Office	3,646	2,934	0	0	371	0	341
Texas Christian U	2,796	2,647	100	0	25	0	24
Texas Lutheran University	2	0	0	0	2	0	0
Texas Southern U	2,963	2,146	0	34	52	373	358
Texas Southmost College	151	151	0	0	0	0	0
Texas State Tech Col	1,308	1,308	0	0	0	0	0
Texas Tech University	10,188	9,496	0	0	667	0	25
Texas Wesleyan University	576	0	0	27	549	0	0
Texas Womans University	1,421	733	0	0	472	216	0
Trinity University	894	847	0	0	47	0	0
U of Dallas	547	547	0	0	0	0	0
U of Houston	19,364	18,057	0	0	126	106	1,075
U of Houston Clear Lake	2,964	2,863	0	74	27	0	0
U of Houston Downtown	828	828	0	0	0	0	0
U of Houston Sys Admin	402	312	0	0	0	0	90
U of N Texas	2,174	1,842	0	30	45	0	257
U of N Texas Hlth Sci Ctr	3,785	3,726	0	0	59	0	0
U of TX Arlington	7,786	7,043	140	82	280	0	241
U of TX Austin	123,689	104,489	87	0	4,353	0	14,760
U of TX Dallas	4,156	3,862	0	0	187	0	107
U of TX El Paso	17,625	15,787	0	89	712	1,037	0
U of TX Hlth Sci Houston	67,427	65,399	0	0	1,919	0	109
U of TX Hlth Sci S Anto	54,327	50,446	1,000	0	2,761	0	120
U of TX MD Anderson Cancr	56,618	55,541	0	0	1,077	0	0
U of TX Med Brnch Galvstn	45,223	41,517	0	1,000	2,471	130	105
U of TX Pan American	954	538	0	0	10	382	24
U of TX SW Med Ctr Dals	88,488	84,331	116	0	3,429	612	0
U of TX San Antonio	9,172	6,253	0	0	379	2,240	300
U of TX Tyler	782	660	0	0	27	0	95
U of the Incarnate Word	72	42	0	0	30	0	0
West Texas A&M U	23	0	0	0	23	0	0
Wiley College	607	371	0	0	0	0	236

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Utah, total	136,090	123,031	2,290	33	5,697	693	4,346
Brigham Young U	4,936	4,498	100	0	329	0	9
College of Eastern Utah	56	0	0	0	0	56	0
Salt Lake CC	182	0	0	0	0	0	182
Southern Utah University	6	3	0	3	0	0	0
University of Utah	94,645	88,622	1,850	0	2,973	533	667
Utah State University	35,738	29,385	340	30	2,391	104	3,488
Utah Valley State College	155	155	0	0	0	0	0
Weber State University	272	268	0	0	4	0	0
Westminster Col Salt Lake	100	100	0	0	0	0	0
Vermont, total	44,143	35,184	2,205	109	2,130	218	4,297
Community Col of Vermont	1	0	0	0	1	0	0
Johnson State College	60	0	0	60	0	0	0
Middlebury College	269	269	0	0	0	0	0
St Michaels College	28	0	0	28	0	0	0
University of Vermont	43,069	34,749	2,205	21	2,029	218	3,847
Vermont Technical College	716	166	0	0	100	0	450
Virginia, total	260,816	218,386	967	468	16,391	5,466	19,138
Col William & Mary All C	9,048	8,148	0	19	425	118	338
Eastern VA Medical Schl	8,761	8,651	0	0	110	0	0
Ferrum College	54	54	0	0	0	0	0
George Mason University	7,673	6,971	0	53	267	319	63
Hampden Sydney College	70	51	0	19	0	0	0
Hampton University	11,163	8,015	0	0	2,368	0	780
Hollins College	27	27	0	0	0	0	0
James Madison University	1,172	702	0	135	246	89	0
Longwood College	56	56	0	0	0	0	0
Mary Washington College	29	0	0	29	0	0	0
Marymount U (Arlington)	8	0	0	0	8	0	0
Norfolk State University	1,372	887	0	31	96	0	358
Old Dominion University	9,296	8,092	0	0	1,079	75	50
Radford University	140	117	0	0	23	0	0
Randolph Macon College	42	0	0	42	0	0	0
Roanoke College	51	0	0	0	0	0	51
Shenandoah University	86	0	0	0	86	0	0
Sweet Briar College	114	114	0	0	0	0	0
Thomas Nelson CC	10	0	0	0	0	0	10
U of Richmond	584	584	0	0	0	0	0
U of Virginia	94,205	84,141	117	0	5,030	1,190	3,727
Virginia Commonwealth U	50,761	44,639	0	0	5,448	531	143
Virginia Military Inst	87	87	0	0	0	0	0
Virginia Poly Inst & St U	60,504	44,470	850	40	749	3,144	11,251
Virginia State University	4,811	2,309	0	0	135	0	2,367
Virginia Union University	451	130	0	0	321	0	0
Washington & Lee U	104	4	0	100	0	0	0
Wytheville CC	137	137	0	0	0	0	0
Washington, total	393,809	340,761	6,012	631	20,641	7,256	18,508
Bellevue CC	992	992	0	0	0	0	0
Central Washington U	411	268	0	143	0	0	0
Eastern Washington U	371	230	0	59	0	0	82
Edmonds Community College	399	399	0	0	0	0	0
Evergreen State College	436	192	0	20	11	0	213

See explanatory information, if any, and SOURCE at end of table

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Washington, continued:							
Gonzaga University	69	4	0	1	64	0	0
Green River CC	20	20	0	0	0	0	0
Heritage College	58	0	0	0	0	58	0
John Bastyr Col Nat Med	130	130	0	0	0	0	0
Lake Washington Tech Col	1	1	0	0	0	0	0
Northwest Indian College	360	204	0	0	156	0	0
Pacific Lutheran U	127	37	0	55	35	0	0
Seattle Community College	300	300	0	0	0	0	0
Seattle Pacific U	37	0	0	0	37	0	0
Seattle University	184	59	0	30	0	0	95
University of Puget Sound	551	267	239	45	0	0	0
University of Washington	347,511	309,853	1,272	137	18,754	5,464	12,031
Washington State U	38,994	25,814	4,379	83	1,042	1,734	5,942
Western Washington U	2,739	1,963	122	13	542	0	99
Whitman College	119	28	0	45	0	0	46
West Virginia, total	54,226	25,719	61	146	3,772	0	24,528
College of W Virginia	103	103	0	0	0	0	0
Fairmont State College	60	60	0	0	0	0	0
Glenville State College	1	0	0	0	1	0	0
Marshall U Graduate Col	2,527	2,347	61	85	34	0	0
Salem Teikyo University	76	76	0	0	0	0	0
Shepherd College	41	0	0	41	0	0	0
WV Career Col Morgantown	9	0	0	0	9	0	0
WV University (Morgantwn)	33,821	22,623	0	0	3,728	0	7,470
WV University Parkersburg	15	0	0	15	0	0	0
WV Wesleyan College	5	0	0	5	0	0	0
Wheeling Jesuit U	17,568	510	0	0	0	0	17,058
Wisconsin, total	297,040	265,043	2,435	403	14,594	1,648	12,917
Alverno College	126	126	0	0	0	0	0
Beloit College	727	727	0	0	0	0	0
Blackhawk Technical Col	14	0	0	14	0	0	0
Carroll Col (Waukesha)	31	0	0	31	0	0	0
Col of Menomenee Nation	50	0	0	0	50	0	0
Edgewood College	20	20	0	0	0	0	0
Lac Courte Ojibwa CC	50	0	0	0	50	0	0
Lawrence University	517	202	254	61	0	0	0
Madison Area Tech College	200	200	0	0	0	0	0
Marquette University	2,825	2,473	0	0	106	0	246
Medical Col of Wisconsin	39,719	36,724	0	0	2,960	10	25
Milwaukee School of Eng	375	375	0	0	0	0	0
Ripon College	22	22	0	0	0	0	0
St Norbert College	110	54	0	56	0	0	0
U of WI Colleges	2,272	2,267	0	0	0	0	5
U of WI Eau Claire	947	432	247	0	268	0	0
U of WI La Crosse	344	213	0	38	93	0	0
U of WI Madison	231,138	208,243	1,934	201	9,225	369	11,166
U of WI Milwaukee	5,200	4,794	0	0	342	44	20
U of WI Oshkosh	448	390	0	0	58	0	0
U of WI Platteville	104	20	0	0	84	0	0
U of WI River Falls	201	200	0	0	1	0	0
U of WI Stevens Point	53	50	0	2	1	0	0
U of WI Stout	2,444	964	0	0	280	0	1,200

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1996

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Wisconsin, continued:							
U of WI Superior	113	113	0	0	0	0	0
U of WI System Office	8,875	6,338	0	0	1,076	1,225	236
U of WI Whitewater	115	96	0	0	0	0	19
Wyoming, total	17,259	13,778	250	12	291	0	2,928
University of Wyoming	17,259	13,778	250	12	291	0	2,928
Guam, total	3,696	1,809	0	0	102	553	1,232
University of Guam	3,696	1,809	0	0	102	553	1,232
Puerto Rico, total	55,739	32,218	120	88	2,426	7,112	13,775
Caribbean University	41	0	0	0	0	41	0
Inter Am U PR Ctrl Off	786	150	108	88	0	440	0
Ponce School of Medicine	2,937	1,952	0	0	16	969	0
Pont Cath U of PR, The	650	38	0	0	380	232	0
U Central Del Caribe	2,447	2,107	0	0	0	340	0
U Del Turabo	426	20	0	0	202	204	0
U Metropolitana	2,181	0	0	0	0	56	2,125
U Politecnica Puerto Rico	56	0	0	0	0	56	0
U of PR Humacao U Col	816	401	0	0	0	336	79
U of PR Mayaguez	20,121	7,706	12	0	553	1,105	10,745
U of PR Medical Sci	12,557	10,611	0	0	526	1,370	50
U of PR Rio Piedras	6,713	3,690	0	0	682	1,963	378
U of the Sacred Heart	52	0	0	0	0	0	52
University of PR System	5,956	5,543	0	0	67	0	346
American Samoa, total	1,173	662	0	0	0	144	367
American Samoa CC	1,173	662	0	0	0	144	367
Virgin Islands, total	2,005	1,052	0	0	0	0	953
U of the Virgin Islands	2,005	1,052	0	0	0	0	953
Trust Territory of the Pacific Islands, total	2,731	1,224	0	0	0	0	1,507
Col of Micronesia FSM	1,394	595	0	0	0	0	799
Northern Marianas College	1,337	629	0	0	0	0	708

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
United States, total	14,337,901	883,384	201,891	1,782,444	175,250	655,831	102,864	7,336,024	757,855	2,205,731	236,627
Alabama, total	237,514	25,523	174	18,304	3,621	4,848	592	137,543	33,052	12,630	1,227
Alabama A & M University	9,164	4,828	0	2,358	78	385	0	0	497	1,018	0
Alabama State University	824	16	0	0	0	0	0	808	0	0	0
Auburn University	30,471	16,038	0	3,854	1,138	1,319	0	1,772	3,578	2,668	104
Birmingham Southern Col	16	4	0	0	0	0	0	0	0	12	0
Concordia College (Selma)	210	0	0	0	210	0	0	0	0	0	0
Jacksonville State U	118	10	0	0	0	0	0	43	0	0	65
Miles College	64	0	0	0	0	0	0	0	64	0	0
Oakwood College	444	0	0	0	55	0	0	70	108	211	0
Selma University	138	0	0	0	0	0	0	0	138	0	0
Stillman College	350	0	0	0	210	0	0	140	0	0	0
Talladega College	504	0	0	0	0	0	0	479	0	25	0
Trenholm State Tech Col	180	0	0	0	0	0	0	0	180	0	0
Troy State U Ctrl Off	75	0	0	0	75	0	0	0	0	0	0
Troy State U Main	56	11	0	8	0	0	0	37	0	0	0
Tuskegee University	12,262	4,616	0	2,140	89	227	0	3,167	1,640	383	0
U of Alabama Birmingham	144,072	0	0	4,583	1,379	2,012	205	120,720	10,387	3,730	1,056
U of Alabama Huntsville	21,322	0	0	4,432	0	80	297	369	14,430	1,714	0
U of Alabama Sys Off	489	0	0	399	0	0	90	0	0	0	0
U of Alabama, The	6,591	0	0	250	228	772	0	1,221	1,845	2,275	0
U of North Alabama	30	0	0	0	0	0	0	0	30	0	0
U of South Alabama	10,134	0	174	280	159	53	0	8,717	155	594	2
Alaska, total	32,650	3,772	4,756	752	433	98	15	2,403	9,194	6,742	4,485
Sheldon Jackson College	23	0	0	0	0	0	0	23	0	0	0
U of AK Anchorage All Cmp	3,893	6	117	0	197	0	0	1,730	0	273	1,570
U of AK Fairbanks All Cmp	27,837	3,327	4,639	752	236	98	15	502	9,194	6,219	2,855
U of AK Southeast	310	0	0	0	0	0	0	0	0	250	60
U of AK System Higher Ed	587	439	0	0	0	0	0	148	0	0	0
Arizona, total	182,895	8,824	1,473	22,040	3,600	6,686	5,146	65,455	25,291	39,889	4,491
Arizona State U Main	40,324	454	513	5,135	890	1,876	2,475	10,787	2,630	15,347	217
Dine College	1,145	50	0	150	20	0	0	319	365	241	0
Northern Arizona U	4,731	270	0	0	236	198	510	642	569	2,026	280
Pima County CC Dist	330	0	0	0	0	0	0	0	0	330	0
U & State Col AZ Sys Off	7	7	0	0	0	0	0	0	0	0	0
University of Arizona	136,358	8,043	960	16,755	2,454	4,612	2,161	53,707	21,727	21,945	3,994
Arkansas, total	57,442	23,547	0	6,271	3,745	200	75	19,624	532	2,167	1,281
Arkansas State U	228	27	0	0	118	0	75	8	0	0	0
Hendrix College	63	0	0	0	0	0	0	0	15	48	0
Lyon College	293	0	0	0	234	0	0	0	0	59	0
Ouachita Baptist U	210	0	0	0	210	0	0	0	0	0	0
Philander Smith College	45	0	0	0	0	0	0	32	0	0	13
U of Arkansas Little Rock	15,947	9,906	0	2,662	657	200	0	1,021	293	181	1,027
U of Arkansas Main	16,216	8,202	0	3,028	2,424	0	0	521	224	1,576	241
U of Arkansas Med Sci	18,686	521	0	581	102	0	0	17,482	0	0	0
U of Arkansas Monticello	2	2	0	0	0	0	0	0	0	0	0
U of Arkansas Pine Bluff	5,347	4,889	0	0	0	0	0	458	0	0	0
U of Central Arkansas	405	0	0	0	0	0	0	102	0	303	0
California, total	1,994,192	33,411	20,143	232,421	20,683	88,536	10,262	1,007,776	169,240	393,446	18,274
Azusa Pacific University	86	0	0	0	0	0	0	86	0	0	0
CA Inst of Technology	190,684	5	4	26,175	0	9,773	0	24,624	25,111	103,629	1,363
CA Institute of the Arts	1,150	0	0	0	0	1,150	0	0	0	0	0
CA Lutheran University	236	0	0	0	236	0	0	0	0	0	0
CA Schl Prof Psych Ctrl	400	0	0	0	400	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
California, continued:											
CA St Poly U Pomona	965	0	0	0	89	0	0	0	0	876	0
CA St Poly U San Luis	1,918	150	0	418	0	0	81	175	402	692	0
CA St U Bakersfield	92	0	0	0	0	0	0	17	16	59	0
CA St U Chico	758	93	0	0	345	0	0	0	254	66	0
CA St U Dominguez Hills	476	0	0	0	21	0	0	177	0	278	0
CA St U Fresno	3,913	9	0	0	444	0	0	3,177	5	278	0
CA St U Fullerton	2,242	14	0	1	403	71	0	1,156	60	518	19
CA St U Hayward	520	6	0	18	95	0	0	102	35	264	0
CA St U Long Beach	4,419	0	0	117	335	0	0	2,421	153	1,393	0
CA St U Los Angeles	5,851	0	0	141	210	117	0	3,316	433	1,522	112
CA St U Northridge	1,521	0	0	97	842	74	0	435	73	0	0
CA St U Sacramento	1,098	0	0	412	0	0	365	28	50	198	45
CA St U San Bernardino	369	6	0	0	198	0	0	0	0	165	0
CA St U San Marcos	111	0	0	0	0	0	0	65	0	46	0
CA St U Stanislaus	208	0	0	0	0	0	0	0	0	208	0
CA St U System Office	361	79	0	0	248	0	23	0	0	0	11
Chabot College	30	0	0	0	0	0	0	0	0	30	0
Charles Drew U Med & Sci	5,762	0	0	0	0	0	0	5,762	0	0	0
Claremont Graduate U	125	0	0	0	0	0	0	125	0	0	0
Claremont McKenna College	55	0	0	0	0	0	0	0	55	0	0
Claremont U Ctr Sys Off	32	32	0	0	0	0	0	0	0	0	0
College of San Mateo	74	0	0	0	0	0	0	0	74	0	0
College of the Desert	300	0	0	0	0	0	0	0	0	300	0
College of the Redwoods	65	0	0	0	0	0	0	0	0	65	0
Contra Costa College	1,279	0	0	1,260	0	0	0	0	0	19	0
Cypress College	11	0	0	0	0	0	0	0	11	0	0
D-Q University	50	50	0	0	0	0	0	0	0	0	0
East Los Angeles College	366	0	0	0	0	0	0	366	0	0	0
El Camino College	14	0	0	0	0	0	0	0	0	14	0
Foothill-DeAnza CC SO	1,042	0	0	0	0	0	0	0	1,042	0	0
Fuller Theo Sem in CA	80	0	0	0	0	0	0	80	0	0	0
Grossmont College	25	0	0	0	0	0	0	0	0	25	0
Harvey Mudd College	1,343	0	0	0	279	0	0	0	30	1,034	0
Humboldt State University	1,020	218	0	50	95	600	0	0	0	57	0
LA Col of Chiropractic	402	0	0	0	0	0	0	402	0	0	0
LA Harbor College	206	0	0	0	0	0	0	206	0	0	0
Loma Linda University	8,437	0	0	1,717	0	0	205	2,997	3,500	18	0
Loyola Marymount U	172	0	0	0	0	0	0	0	22	150	0
Mills College	981	0	0	0	0	0	0	0	0	981	0
Monterey Inst Intl Stud	550	0	0	550	0	0	0	0	0	0	0
Monterey Peninsula Col	357	0	0	0	282	0	0	0	0	75	0
Mount San Antonio College	60	0	0	0	0	0	0	0	0	60	0
Mount St Marys Col LA CA	234	0	0	0	0	0	0	234	0	0	0
Natl Hispanic U(Oakland)	150	0	0	150	0	0	0	0	0	0	0
Natl Physical Sci Cnstrm	121	0	0	0	0	0	0	0	121	0	0
Occidental College	1,994	0	0	59	0	0	0	67	0	1,868	0
Pacific Grad Schl Psych	13	0	0	0	0	0	0	13	0	0	0
Palomar College	77	0	0	0	0	0	0	0	0	77	0
Pepperdine University	563	0	0	0	0	0	0	0	0	0	563
Pitzer College	213	0	0	0	0	0	0	213	0	0	0
Point Loma Nazarene Col	57	0	0	0	0	0	0	0	0	57	0
Pomona College	468	10	0	0	0	0	0	333	0	125	0
Rancho Santiago College	28	0	0	0	0	0	0	0	0	28	0
Sam Merritt College	86	0	0	0	0	0	0	86	0	0	0
San Diego CC Dist Off	387	0	0	0	0	387	0	0	0	0	0
San Diego State U	25,094	0	0	5,542	2,543	0	0	10,437	283	6,280	9
San Fran State University	14,520	0	0	124	1,759	23	150	3,314	497	8,573	80

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
California, continued:											
San Jose State University	14,273	0	896	410	1,466	130	0	1,331	4,121	5,413	506
Santa Clara University	1,036	0	0	0	107	0	0	0	178	751	0
Scripps Rsch Inst, The	2,808	0	0	0	0	325	0	0	560	1,923	0
Sonoma State University	336	0	0	0	247	0	0	50	39	0	0
Southern CA College	786	0	0	0	0	0	786	0	0	0	0
Southwestern Col Chl Vsta	143	0	0	0	143	0	0	0	0	0	0
St Mary's College of CA	24	0	0	0	0	0	0	0	0	24	0
Stanford University	317,932	15	835	35,739	171	8,648	1,826	154,428	72,593	40,966	2,711
U of CA Berkeley	175,032	19,984	963	15,250	723	6,856	551	62,510	19,457	45,405	3,333
U of CA Davis	110,268	9,223	0	4,445	669	13,553	2,922	57,348	2,270	17,520	2,318
U of CA Irvine	69,861	642	70	5,361	0	5,367	395	42,990	2,794	11,943	299
U of CA Los Angeles	226,653	306	992	16,880	2,301	15,849	112	160,121	9,138	20,847	107
U of CA Office of Pres	6,240	4	124	4,003	0	0	109	0	0	2,000	0
U of CA Riverside	21,097	1,807	0	1,056	0	2,204	850	5,673	3,554	5,438	515
U of CA San Diego	257,234	284	15,630	30,492	0	13,575	355	136,010	11,323	48,298	1,267
U of CA San Francisco	235,123	196	0	9,289	567	2,038	301	218,875	1,275	2,582	0
U of CA Santa Barbara	64,254	181	232	16,454	97	4,390	1,063	6,928	4,093	28,061	2,755
U of CA Santa Cruz	30,195	97	0	5,392	4,729	2,265	168	7,582	1,486	8,396	80
U of Redlands	40	0	0	0	0	0	0	0	0	40	0
U of San Diego	103	0	0	0	0	0	0	83	20	0	0
U of San Francisco	700	0	0	0	403	0	0	10	200	87	0
U of Southern California	175,137	0	397	50,819	236	1,141	0	93,123	3,912	23,328	2,181
U of the Pacific	267	0	0	0	0	0	0	233	0	34	0
Ventura Co CC Sys Off	25	0	0	0	0	0	0	0	0	25	0
West Val Mission CC Dist	251	0	0	0	0	0	0	0	0	251	0
Westmont College	119	0	0	0	0	0	0	67	0	52	0
Whittier College	2	0	0	0	0	0	0	0	0	2	0
Yuba College	32	0	0	0	0	0	0	0	0	32	0
Colorado, total	279,792	12,041	27,201	18,085	5,533	8,917	2,734	130,906	21,391	47,528	5,456
Aims Community College	92	0	0	0	92	0	0	0	0	0	0
Colorado Christian U	10	0	0	0	0	0	0	0	0	10	0
Colorado College	694	0	0	0	0	0	0	0	43	651	0
Colorado School of Mines	5,761	159	113	1,196	0	821	90	289	941	2,046	106
Colorado State University	61,751	11,680	4,799	3,856	222	3,422	1,352	19,054	2,409	11,855	3,102
Community Col Aurora	2,750	0	2,750	0	0	0	0	0	0	0	0
Community Col Denver	5	0	0	0	0	0	0	0	0	5	0
Front Range CC	284	1	0	0	283	0	0	0	0	0	0
Metro State Col of Denver	746	0	0	0	657	0	0	0	0	89	0
Natl Technological U	137	0	0	0	0	0	0	0	0	137	0
Regis University	82	3	0	0	0	0	0	61	0	18	0
Trinidad State Junior Col	272	0	0	0	272	0	0	0	0	0	0
U of Colorado	197,416	193	19,494	12,845	2,007	4,569	1,036	108,564	16,460	30,991	1,257
U of Denver	7,245	3	45	188	115	105	256	2,451	1,538	1,553	991
U of Northern Colorado	2,095	0	0	0	1,885	0	0	37	0	173	0
U of Southern Colorado	450	0	0	0	0	0	0	450	0	0	0
Western State Col of CO	2	2	0	0	0	0	0	0	0	0	0
Connecticut, total	271,161	7,813	3,181	14,067	857	10,465	157	210,166	1,654	22,027	774
Capital Cmty Tech Col	260	0	0	0	0	0	0	0	0	260	0
Central Connecticut St U	115	0	0	0	0	0	0	29	0	86	0
Connecticut College	192	0	0	75	0	0	0	0	0	117	0
Fairfield University	109	0	0	0	0	80	0	29	0	0	0
Sacred Heart University	61	0	0	0	0	0	0	21	0	40	0
Southern Connecticut St U	185	0	0	0	125	0	0	60	0	0	0
St Joseph Col (W Hrtfrd)	197	0	0	0	0	0	0	22	0	175	0
Trinity Col (Hartford)	459	0	196	0	0	0	0	109	0	154	0
U of Connecticut	53,193	7,292	2,884	2,759	732	520	38	32,154	417	6,296	101
U of Hartford	427	4	0	0	0	0	0	0	196	227	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Connecticut, continued:											
U of New Haven	169	0	0	0	0	0	0	0	0	169	0
Wesleyan University	3,672	0	0	125	0	0	119	2,141	45	1,226	16
Western Connecticut St U	175	0	0	0	0	0	0	0	0	175	0
Yale University	211,947	517	101	11,108	0	9,865	0	175,601	996	13,102	657
Delaware, total	42,632	7,888	2,333	7,395	2,572	1,768	1,434	5,851	1,424	11,106	861
Delaware State University	3,167	2,279	62	0	0	0	8	818	0	0	0
Delaware Tech & CC	486	2	0	0	484	0	0	0	0	0	0
U of Delaware	38,925	5,607	2,271	7,395	2,088	1,768	1,426	4,979	1,424	11,106	861
Wilmington Col (N Cstl)	54	0	0	0	0	0	0	54	0	0	0
District of Columbia, total	175,363	1,774	1,364	37,130	3,775	4,561	828	82,213	7,466	11,359	24,893
American University	2,272	15	45	721	0	123	200	214	145	809	0
Catholic U of America	4,086	65	576	409	0	54	0	1,314	930	654	84
Cnsrtm Ocean Rsch & Ed	649	0	0	81	0	50	0	0	0	518	0
Gallaudet University	1,792	0	0	0	1,207	0	0	2	1	582	0
George Washington U	33,671	12	311	2,263	1,875	829	314	23,920	2,691	956	500
Georgetown University	95,072	0	258	23,452	200	333	0	45,399	242	1,213	23,975
Howard University	33,860	61	174	9,895	439	3,097	225	10,474	2,868	6,334	293
Sci & Eng Alliance, Inc	75	0	0	0	0	0	75	0	0	0	0
Strayer College	7	7	0	0	0	0	0	0	0	0	0
University of DC	3,879	1,614	0	309	54	75	14	890	589	293	41
Florida, total	317,244	22,024	8,960	39,291	5,063	14,617	2,173	131,576	22,863	64,165	6,512
Barry University	1,610	0	0	0	0	0	0	1,610	0	0	0
Bethune Cookman College	958	0	6	0	0	0	0	594	347	11	0
Brevard Community College	104	0	0	1	0	0	0	0	0	103	0
Broward Community College	260	0	0	0	0	0	0	0	0	260	0
Eckerd College	70	5	0	0	0	0	0	0	32	33	0
Edward Waters College	100	0	0	0	0	0	0	0	100	0	0
Embry Riddle Aeronautcl U	839	0	0	0	236	0	0	0	45	343	215
Florida A&M University	17,164	4,229	0	2,485	249	611	0	3,132	3,988	2,413	57
Florida Atlantic U	7,220	0	0	3,665	201	0	0	1,005	1,016	1,273	60
Florida CC Jacksonville	50	0	0	0	0	0	0	0	0	50	0
Florida Inst of Tech	1,508	0	0	516	0	0	46	170	392	359	25
Florida International U	10,917	0	60	2,749	91	2,256	0	1,073	2,496	1,368	824
Florida Memorial College	55	0	0	0	25	0	0	0	0	0	30
Florida State University	48,196	0	1,400	1,769	139	7,515	54	6,482	1,983	27,614	1,240
Indian River CC	364	0	0	0	0	0	0	0	0	364	0
Jacksonville University	16	0	0	0	0	0	0	0	0	16	0
Miami-Dade CC	222	0	0	0	0	0	0	0	0	222	0
Nova Southeastern U	905	0	0	51	0	0	0	473	0	381	0
Rollins College	55	0	0	0	0	55	0	0	0	0	0
Santa Fe CC (Gainesville)	27	0	0	0	0	0	0	0	0	27	0
St Leo College	5	0	0	0	0	0	0	0	0	5	0
St Petersburg Jr Col	31	0	0	0	0	0	0	0	0	31	0
State U System FL Sys Off	2,348	0	2,348	0	0	0	0	0	0	0	0
Stetson University	22	0	0	0	0	0	0	0	0	22	0
University of Central FL	12,450	0	25	7,886	66	206	375	116	1,664	2,112	0
University of Florida	103,097	17,668	244	10,492	1,188	3,427	403	48,389	5,033	15,088	1,165
University of Miami	84,325	17	4,580	5,323	614	350	598	59,580	3,838	8,927	498
University of North FL	460	0	0	0	0	0	0	460	0	0	0
University of South FL	22,149	105	297	3,579	2,254	197	439	8,492	1,879	2,573	2,334
University of Tampa	96	0	0	96	0	0	0	0	0	0	0
University of West FL	1,390	0	0	679	0	0	258	0	35	354	64
Valencia CC	231	0	0	0	0	0	0	0	15	216	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Georgia, total	324,462	28,383	5,739	82,375	3,626	13,007	3,378	130,685	14,504	36,611	6,154
Agnes Scott College	94	0	0	0	0	0	0	0	0	94	0
Albany State University	482	0	0	0	52	0	0	430	0	0	0
Atlanta Metropolitan Col	52	0	0	0	0	0	0	0	0	52	0
Berry College	34	0	0	0	0	0	0	0	0	34	0
Clark Atlanta University	15,272	71	0	4,623	888	1,031	108	3,706	3,058	1,787	0
Emory University	85,362	0	0	741	203	704	0	80,338	0	3,024	352
Fort Valley State U	5,122	4,510	0	0	0	423	8	0	0	125	56
Georgia Inst of Tech	92,333	0	4,020	58,095	0	1,985	2,212	1,723	6,818	16,890	590
Georgia Southern U	673	0	0	0	0	0	0	340	63	270	0
Georgia State University	8,689	0	0	151	106	65	0	5,640	531	2,160	36
Griffin Technical Inst	25	0	25	0	0	0	0	0	0	0	0
Inst Paper Sci & Tech	5,020	128	0	0	0	4,892	0	0	0	0	0
Kennesaw State University	567	0	0	137	0	0	0	159	12	215	44
La Grange College	5	0	0	0	0	0	0	0	0	5	0
Medical Col of Georgia	13,703	0	0	1,292	0	0	0	12,247	0	164	0
Mercer U	7,962	3	0	7,330	0	0	0	530	0	99	0
Morehouse College	8,964	0	0	7,158	400	5	0	482	753	166	0
Morehouse College of Med	13,923	0	0	583	0	0	0	10,021	1,958	0	1,361
Morris Brown College	2,468	0	480	1,008	417	0	0	279	192	91	1
North GA Col & State U	28	0	0	0	0	28	0	0	0	0	0
Paine College	27	0	0	0	0	0	0	27	0	0	0
SECME, Inc	25	0	0	0	0	25	0	0	0	0	0
Savannah State University	454	0	0	0	0	0	0	146	267	41	0
Spelman College	2,598	0	0	0	0	492	22	1,452	632	0	0
State U of West Georgia	48	0	0	0	0	0	0	0	0	48	0
University Sys of Georgia	213	0	205	0	0	8	0	0	0	0	0
University of Georgia	60,129	23,671	1,009	1,257	1,560	3,349	1,028	12,996	199	11,346	3,714
Valdosta State University	60	0	0	0	0	0	0	39	21	0	0
Wesleyan College (Macon)	130	0	0	0	0	0	0	130	0	0	0
Hawaii, total	70,073	11,643	8,309	2,894	633	2,810	192	17,155	7,708	17,444	1,285
Leeward Community College	236	0	0	0	236	0	0	0	0	0	0
Maui Community College	50	0	0	0	0	50	0	0	0	0	0
U of Hawaii Hilo	7,129	6,218	0	4	251	656	0	0	0	0	0
U of Hawaii Manoa	55,420	5,310	4,191	2,890	146	175	52	17,155	7,271	17,444	786
U of Hawaii System Office	7,238	115	4,118	0	0	1,929	140	0	437	0	499
Idaho, total	18,838	7,887	1,333	1,544	672	1,298	266	1,345	396	3,285	812
Boise State University	1,784	0	254	509	0	0	0	0	37	308	676
Idaho State University	980	1	89	0	436	0	0	215	0	226	13
Lewis Clark State College	1,007	0	990	0	0	0	0	0	0	17	0
Northwest Nazarene Col	95	0	0	0	0	0	0	95	0	0	0
University of Idaho	14,972	7,886	0	1,035	236	1,298	266	1,035	359	2,734	123
Illinois, total	521,388	23,485	3,839	52,699	9,162	24,223	1,527	264,876	12,133	124,322	5,122
Augustana Col (Rock Isld)	185	0	0	0	0	0	0	0	0	185	0
Aurora College	5	0	0	0	0	0	0	5	0	0	0
Bradley University	2,886	0	2,675	0	0	0	0	17	0	194	0
Chicago State University	2,332	0	0	200	0	0	0	899	0	1,233	0
City Col Chicago	150	0	0	0	0	0	0	0	0	150	0
Concordia U (Rvr Forest)	23	0	0	0	0	0	0	0	0	23	0
De Paul University	1,989	422	0	11	0	0	0	1,342	0	214	0
East West University	236	0	0	0	236	0	0	0	0	0	0
Eastern Illinois U	251	0	0	0	101	0	0	0	0	150	0
Elmhurst College	48	0	0	0	0	0	0	0	0	48	0
Finch U Hlth Sci/Chic Med	5,470	0	0	53	0	0	0	5,228	0	189	0
Governors State U	30	0	0	0	0	0	0	30	0	0	0
Illinois College Optmtry	30	0	0	0	0	0	0	30	0	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Illinois, continued:											
Illinois E CC Sys Off	80	0	0	0	0	0	0	0	0	80	0
Illinois Inst of Tech	8,113	0	0	2,982	200	748	8	3,392	65	718	0
Illinois State University	2,159	0	0	285	85	47	0	207	0	1,525	10
Illinois Wesleyan U	94	0	0	0	0	0	0	0	4	90	0
Joliet Junior College	172	0	0	0	0	0	0	0	0	172	0
Knox College	43	0	0	0	0	0	0	0	0	43	0
Lake Forest College	123	0	0	0	0	0	0	0	0	123	0
Lewis University	21	0	0	0	0	0	0	21	0	0	0
Loyola U of Chicago	14,188	0	0	178	0	0	0	13,027	0	818	165
Mennonite Col of Nursing	11	0	0	0	0	0	0	11	0	0	0
Metropolitan CC	75	75	0	0	0	0	0	0	0	0	0
Midwestern University	1,503	0	0	0	0	0	0	1,503	0	0	0
Millikin University	171	0	0	0	0	0	0	0	0	171	0
Naes College	153	0	153	0	0	0	0	0	0	0	0
National Col Chiropractic	118	0	0	0	0	0	0	118	0	0	0
Northeastern Illinois U	60	0	0	0	0	0	0	34	0	26	0
Northern Illinois U	3,750	145	0	212	1,178	0	0	1,069	0	1,146	0
Northwestern University	119,313	1,325	32	15,881	1,353	4,108	612	68,437	1,760	22,159	3,646
Oakton Community College	200	0	0	0	0	0	0	0	0	200	0
Olivet Nazarene U	100	0	0	0	0	0	0	100	0	0	0
Rush University	838	0	0	0	0	0	0	838	0	0	0
Sherwood Cnsrvtry Music	156	0	156	0	0	0	0	0	0	0	0
Southern IL U	122	15	0	0	0	97	0	0	0	0	10
Southern IL U Carbondale	6,637	779	0	70	210	513	0	3,539	63	1,463	0
Southern IL U Edwardsvlle	264	0	0	0	0	0	0	45	0	219	0
St Augustine CC	2	0	0	0	0	0	0	0	0	0	2
St Xavier University	38	0	0	0	0	0	0	38	0	0	0
U of IL Central Office	10,085	166	343	0	0	9,486	90	0	0	0	0
U of IL Chicago	61,552	0	50	3,837	2,444	1,089	52	45,367	437	8,240	36
U of IL Urbana-Champaign	143,900	20,450	273	23,839	2,211	2,759	632	29,469	4,977	58,387	903
University of Chicago	132,870	108	157	5,151	358	5,376	133	90,110	4,827	26,300	350
Western Illinois U	828	0	0	0	786	0	0	0	0	42	0
William Rainey Harper Col	14	0	0	0	0	0	0	0	0	14	0
Indiana, total	209,979	22,549	1,052	17,198	1,373	18,180	1,420	94,404	3,522	48,385	1,896
Ball State University	548	0	0	66	0	0	0	206	0	260	16
Butler University	66	0	0	0	0	0	0	0	0	66	0
De Pauw University	90	0	0	0	0	0	0	0	0	90	0
Earlham College	34	0	0	0	0	0	0	0	0	34	0
Indiana State U All Camp	403	0	0	0	0	0	0	218	0	185	0
Indiana U	99,978	72	0	2,053	1,154	3,663	1,098	68,933	834	20,386	1,785
Indiana Wesleyan U	34	0	0	0	0	0	0	34	0	0	0
Manchester College	16	0	0	0	0	0	0	0	16	0	0
Purdue University	88,311	22,477	982	12,708	195	8,799	322	20,659	2,180	19,894	95
Rose-Hulman Inst of Tech	349	0	0	0	0	0	0	0	0	349	0
St Mary of the Woods Col	87	0	0	0	0	0	0	87	0	0	0
Taylor University	69	0	0	0	0	0	0	0	0	69	0
Tri State University	65	0	0	0	0	0	0	0	0	65	0
University of Evansville	83	0	0	0	0	0	0	13	0	70	0
University of Notre Dame	19,626	0	70	2,371	24	5,560	0	4,225	459	6,917	0
Valparaiso University	220	0	0	0	0	158	0	29	33	0	0
Iowa, total	168,947	26,080	1,435	5,162	896	6,263	4,205	92,384	8,091	19,540	4,891
Coe College	190	0	0	0	0	0	0	0	0	190	0
Dordt College	45	0	0	0	0	0	0	0	0	45	0
Drake University	445	0	0	0	318	0	0	0	64	63	0
Eastern Iowa CC	143	0	0	0	0	0	143	0	0	0	0
Grinnell College	499	0	0	0	0	0	0	0	0	499	0
Indian Hills CC	1	0	0	0	0	0	0	0	0	0	1

See explanatory information, if any, and SOURCE at end of table

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Iowa, continued:											
Iowa State University	58,975	25,817	1,334	1,445	0	4,980	3,662	6,522	1,270	10,324	3,621
Kirkwood CC	275	0	0	0	0	0	0	275	0	0	0
Loras College	66	0	0	4	0	0	0	0	0	62	0
Maharishi U of Mgmt	439	0	0	0	0	0	0	439	0	0	0
Morningside College	10	0	0	0	0	0	0	0	0	10	0
University of Iowa	106,516	263	70	3,213	342	1,283	400	84,880	6,672	8,124	1,269
University of N Iowa	1,343	0	31	500	236	0	0	268	85	223	0
Kansas, total	80,368	13,137	0	3,446	5,605	6,328	1,516	33,942	2,190	13,311	893
Emporia State University	75	0	0	0	75	0	0	0	0	0	0
Fort Scott CC	22	0	0	0	0	0	0	0	0	22	0
Garden City CC	25	0	0	0	0	0	0	0	25	0	0
Haskell Indian Nations U	636	60	0	0	0	0	75	0	0	500	1
Kansas Newman College	94	0	0	0	0	0	0	0	0	94	0
Kansas State University	27,224	12,965	0	1,479	429	3,641	1,410	2,807	693	3,775	25
Pittsburg St U (Pittsbrg)	83	0	0	0	0	0	0	18	0	65	0
University of Kansas	49,762	112	0	1,567	4,865	2,578	31	30,946	947	8,615	101
Wichita State University	2,447	0	0	400	236	109	0	171	525	240	766
Kentucky, total	88,395	23,299	54	3,506	1,408	5,488	381	43,680	1,144	9,032	403
Centre College	61	0	0	0	0	0	0	0	0	61	0
Eastern Kentucky U	119	0	0	0	83	0	0	0	5	31	0
Kentucky State University	6,096	5,850	0	0	37	0	0	208	0	0	1
Morehead State University	114	0	0	0	0	0	0	53	20	41	0
Murray State University	259	69	0	0	0	0	0	138	0	52	0
Northern Kentucky U	239	0	0	0	0	0	0	55	0	184	0
Spalding University	34	0	0	0	0	0	0	34	0	0	0
Transylvania University	12	0	0	0	0	0	0	0	0	12	0
U of Kentucky All Cmp	70,192	17,380	0	1,913	1,184	5,305	123	35,830	409	7,663	385
U of Louisville	10,108	0	54	1,264	0	183	258	7,209	210	930	0
Western Kentucky U	1,161	0	0	329	104	0	0	153	500	58	17
Louisiana, total	148,158	20,089	3,167	26,667	1,325	15,231	1,260	57,870	4,890	14,366	3,293
Centenary College of LA	54	0	0	0	0	0	0	0	0	54	0
Dillard University	228	97	0	109	22	0	0	0	0	0	0
Grambling State U	3,674	0	0	2,416	199	0	0	1,035	0	0	24
LA St U All Campuses	75,233	15,196	2,124	16,949	428	2,494	535	27,254	2,140	5,934	2,179
LA St U System Office	1,952	43	293	1,360	0	0	0	0	0	0	256
Louisiana Tech University	2,050	181	0	454	0	0	0	0	60	1,355	0
Loyola U New Orleans	97	0	0	0	0	0	0	0	0	97	0
McNeese State University	39	0	0	0	0	0	0	0	39	0	0
Northeast Louisiana U	336	0	0	0	0	0	0	75	0	261	0
Northwestern St U (Natch)	50	0	0	0	0	0	0	50	0	0	0
Southeastern Louisiana U	595	0	0	0	282	20	0	0	13	272	8
Southern U A&M All Cmp	11,075	4,246	0	1,111	293	1,381	389	1,365	1,868	395	27
Tulane University	44,999	69	0	3,818	0	10,948	336	26,217	607	2,404	600
U of Southwstrn Louisiana	3,272	257	750	50	0	0	0	1,103	40	873	199
Xavier U of Louisiana	4,504	0	0	400	101	388	0	771	123	2,721	0
Maine, total	17,013	7,204	2,591	1,314	236	511	277	872	116	3,726	166
Bates College	371	0	0	0	0	0	0	91	0	280	0
Bowdoin College	64	0	0	0	0	0	0	0	0	64	0
Central Maine Tech Col	16	0	0	0	0	0	0	0	0	16	0
Colby College	304	0	0	0	0	0	0	0	0	304	0
College of the Atlantic	30	0	0	0	0	0	0	0	0	30	0
Husson College	27	0	0	0	0	0	0	27	0	0	0
Maine Maritime Academy	13	0	0	0	0	0	0	0	0	13	0
St Joseph's Col (N Wndhm)	11	0	0	0	0	0	0	0	0	11	0
U of Maine	14,521	7,154	2,591	987	236	155	277	358	71	2,526	166

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Maine, continued											
U of Maine System Office	406	50	0	0	0	356	0	0	0	0	0
U of New England	513	0	0	327	0	0	0	126	42	18	0
U of Southern Maine	737	0	0	0	0	0	0	270	3	464	0
Maryland, total	938,400	15,993	9,761	375,385	3,670	15,627	4,029	362,325	84,121	52,343	15,146
Allegany Col (Cmbrlnd)	5	0	0	0	0	0	0	0	0	5	0
Baltimore City CC	278	0	0	0	278	0	0	0	0	0	0
Bowie State University	1,517	0	0	0	0	75	0	0	1,178	225	39
Capitol College	78	0	0	0	0	0	0	0	78	0	0
Charles County CC	22	0	0	0	0	0	0	0	22	0	0
Col of Notre Dame of MD	288	0	0	0	0	0	0	0	0	288	0
Coppin State College	379	0	0	0	379	0	0	0	0	0	0
Frostburg State U	261	20	0	0	241	0	0	0	0	0	0
Goucher College	22	0	0	0	0	0	0	0	0	22	0
Hood College	183	0	0	0	0	0	0	0	0	183	0
Johns Hopkins University	729,447	94	133	353,013	769	7,030	1,703	284,242	60,793	12,953	8,717
Loyola College	670	0	0	10	0	0	0	35	0	625	0
Montgomery Col All Cmp	99	0	0	0	0	0	0	0	0	99	0
Morgan State University	5,674	0	0	1,199	0	37	70	1,139	1,067	1,598	564
Prince Georges CC	379	5	0	0	0	0	0	0	0	374	0
Salisbury State U	141	0	0	0	0	0	0	40	0	101	0
St Mary's Col of MD	154	0	0	0	0	0	0	154	0	0	0
Towson University	222	0	0	75	0	0	0	0	4	143	0
U Sys of MD Headquarters	4,171	55	1,592	0	1,493	0	983	48	0	0	0
U of Baltimore	377	9	0	343	0	0	0	0	0	25	0
U of MD Baltimore	71,966	0	79	2,160	0	278	155	67,384	304	1,213	393
U of MD Baltimore County	7,845	109	0	1,118	236	182	0	607	2,131	3,462	0
U of MD Biotech Inst	5,178	0	3,892	15	0	0	0	0	22	1,249	0
U of MD Center for EES	1,019	0	0	149	0	0	770	0	89	0	11
U of MD College Park	103,473	12,102	4,065	17,273	0	7,865	348	8,496	18,430	29,472	5,422
U of MD Eastern Shore	3,969	3,599	0	30	160	0	0	180	0	0	0
U of MD University Col	431	0	0	0	114	160	0	0	0	157	0
Western Maryland College	152	0	0	0	0	0	0	0	3	149	0
Massachusetts, total	880,302	10,309	5,514	104,754	4,496	86,732	6,347	421,414	56,712	162,272	21,752
Amherst College	547	0	0	0	0	0	0	140	0	407	0
Assumption College	219	0	0	0	219	0	0	0	0	0	0
Bentley College	44	0	0	0	0	0	0	0	0	44	0
Boston College	10,302	0	0	3,428	249	313	112	3,398	75	2,272	455
Boston University	105,366	25	122	10,203	1,660	4,458	194	71,182	3,053	13,719	750
Brandeis University	24,370	0	0	595	0	1,303	275	18,317	846	3,034	0
Bridgewater State College	400	0	0	0	0	0	0	0	0	125	275
Bunker Hill CC	53	0	0	0	0	0	0	0	0	53	0
Clark University	1,773	0	0	108	0	265	133	496	45	726	0
Col of Our Lady of Elms	23	0	0	0	0	0	0	0	0	23	0
Col of the Holy Cross	176	0	0	0	0	0	0	0	0	176	0
Emerson College	188	0	0	0	188	0	0	0	0	0	0
Five Colleges Inc	71	0	0	0	0	0	0	0	26	45	0
Gordon Col (Wenham)	26	0	0	0	0	0	0	0	0	26	0
Hampshire College	655	0	0	0	0	0	0	307	111	237	0
Harvard University	242,078	0	100	8,448	19	5,514	2,852	171,388	9,729	28,507	15,521
Holyoke Community College	30	0	0	0	0	0	0	0	0	30	0
MA Bay Community College	60	0	0	0	0	0	0	0	0	60	0
MA Inst of Technology	261,317	0	2,615	47,769	42	68,975	964	59,200	37,962	42,179	1,611
MGH Inst Hlth Professions	100	0	0	0	100	0	0	0	0	0	0
Massasoit CC	11	0	0	0	0	0	0	0	0	11	0
Middlesex CC (Bedfrd)	392	0	0	0	0	0	0	0	0	392	0
Mount Holyoke College	901	0	0	0	0	107	0	0	118	676	0
Mount Wachusett CC	43	0	0	0	0	0	0	0	0	43	0

See explanatory information, if any, and SOURCE at end of table

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Massachusetts, continued											
New Eng Col of Optometry	566	0	0	0	0	0	0	566	0	0	0
Northeastern University	15,267	0	0	2,961	113	1,040	59	4,363	250	6,481	0
Radcliffe College	586	0	0	402	0	0	0	179	0	5	0
Simmons College	1,172	0	0	0	210	0	0	535	0	427	0
Smith College	1,213	0	5	0	106	0	0	746	0	356	0
Springfield Col (Sprgfld)	92	0	0	0	92	0	0	0	0	0	0
Springfield Tech CC	513	0	0	0	227	0	0	0	0	286	0
Stonehill College	53	0	0	0	0	0	0	0	0	53	0
Suffolk University	20	0	0	0	0	0	0	0	0	20	0
Tufts University	42,228	2,296	168	2,134	500	789	525	32,272	439	3,105	0
U of MA Amherst	44,157	7,988	458	8,281	227	2,440	388	8,363	2,069	13,200	743
U of MA Boston	3,844	0	0	480	544	120	440	1,514	0	745	1
U of MA Central Office	366	0	0	0	0	0	0	0	0	0	366
U of MA Dartmouth	1,366	0	0	11	0	0	0	98	0	1,255	2
U of MA Lowell	5,113	0	69	1,868	0	261	25	1,612	22	1,000	256
U of MA Worcester	46,969	0	0	431	0	5	0	45,313	378	842	0
Wellesley College	1,561	0	0	0	0	0	0	787	52	722	0
Wentworth Inst of Tech	783	0	0	783	0	0	0	0	0	0	0
Westfield State College	19	0	0	0	0	0	0	0	0	19	0
Wheelock College	365	0	0	0	0	0	0	0	0	365	0
Williams College	811	0	0	0	0	0	6	218	0	587	0
Woods Hole Ocean Inst	59,812	0	1,977	16,307	0	1,036	280	84	966	38,491	671
Worcester Polytech Inst	4,281	0	0	545	0	106	94	336	571	1,528	1,101
Michigan, total	454,959	23,757	3,914	40,888	3,477	14,446	5,207	253,966	17,111	82,381	9,812
Albion College	43	0	0	0	0	0	0	0	0	43	0
Andrews University	20	0	0	0	0	0	0	0	0	20	0
Bay Mills CC	50	50	0	0	0	0	0	0	0	0	0
Calvin College	313	0	0	0	0	0	0	157	0	156	0
Central Michigan U	338	0	0	5	170	0	0	0	0	163	0
Cnsrtm Intl Erth Sci Info	4,782	0	0	0	0	0	100	0	4,682	0	0
Cranbrook Acad of Art	236	0	0	0	236	0	0	0	0	0	0
Eastern Michigan U	801	0	0	0	0	0	0	150	0	651	0
Ferris State University	355	0	0	0	0	0	0	0	0	355	0
GMI Engineering Mgmt Inst	96	0	0	0	0	0	0	0	15	81	0
Grand Valley State U	462	0	0	0	236	0	0	38	0	188	0
Hope College	612	0	0	0	0	0	0	122	0	490	0
Kellogg Community College	23	0	0	0	0	0	0	0	0	23	0
Lake Michigan College	11	0	0	0	0	0	0	0	0	11	0
Lake Superior State U	5	5	0	0	0	0	0	0	0	0	0
Lawrence Technological U	88	0	0	0	0	0	0	0	0	88	0
Michigan State University	85,425	22,490	123	3,620	122	4,432	436	21,126	457	27,096	5,523
Michigan Tech University	9,789	417	0	3,370	0	424	1,456	71	383	3,402	266
Northern Michigan U	270	18	0	0	236	0	0	16	0	0	0
Northwestern Michigan Col	15	15	0	0	0	0	0	0	0	0	0
Oakland University	4,478	0	0	200	0	0	0	3,574	0	704	0
Saginaw Valley State U	702	36	608	0	0	0	58	0	0	0	0
Spring Arbor College	2	2	0	0	0	0	0	0	0	0	0
U of Detroit Mercy	282	0	0	50	0	0	0	20	0	212	0
U of Michigan	282,423	724	3,183	31,360	1,442	7,971	3,157	180,806	11,358	38,512	3,910
Wayne State University	59,273	0	0	2,128	538	1,060	0	47,549	202	7,779	17
Western Michigan U	4,065	0	0	155	497	559	0	337	14	2,407	96
Minnesota, total	225,288	19,735	2,244	13,842	2,730	6,127	2,551	134,473	2,878	37,490	3,218
Augsburg College	430	0	0	196	0	0	0	0	0	234	0
Bemidji State University	11	0	0	0	0	0	0	0	0	11	0
Carleton College	611	0	0	22	0	0	0	0	0	589	0
Century Cmty & Tech Col	242	0	0	0	242	0	0	0	0	0	0
College of St Catherine	16	0	0	0	0	0	0	16	0	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Minnesota, continued:											
College of St Scholastica	231	0	0	0	210	0	0	21	0	0	0
Gustavus Adolphus College	445	0	0	0	0	0	0	0	0	445	0
Hamline University	137	0	0	0	0	0	0	0	0	137	0
Leech Lake Tribal College	50	50	0	0	0	0	0	0	0	0	0
Macalester College	421	0	0	0	0	0	0	80	0	341	0
Mankato State University	573	0	0	0	110	0	0	158	40	265	0
Mesabi Range Cmty&Tech	232	0	0	0	0	0	0	0	0	232	0
Metropolitan State U	3	3	0	0	0	0	0	0	0	0	0
Moorhead State University	30	0	0	0	0	0	0	0	30	0	0
Northland Cmty & Tech Col	1	1	0	0	0	0	0	0	0	0	0
Riverland CC	158	0	0	0	0	0	0	0	0	158	0
St Cloud State University	189	0	0	0	0	0	0	0	106	83	0
St Mary's U of Minnesota	13	0	0	0	0	0	0	0	0	13	0
St Olaf College	353	0	0	0	0	0	0	130	0	223	0
St Paul Tech College	95	0	0	0	95	0	0	0	0	0	0
U of Minnesota	220,684	19,671	2,244	13,624	2,073	6,127	2,551	133,903	2,702	34,571	3,218
U of St Thomas (St Paul)	225	0	0	0	0	0	0	123	0	102	0
Winona State University	138	10	0	0	0	0	0	42	0	86	0
Mississippi, total	74,365	33,220	2,257	7,060	1,545	3,671	776	12,627	2,471	8,568	2,170
Alcorn State University	5,394	4,751	0	0	215	0	0	428	0	0	0
Delta State University	25	25	0	0	0	0	0	0	0	0	0
Jackson State University	6,084	0	18	797	290	760	0	1,417	458	2,214	130
Millsaps College	2	0	0	2	0	0	0	0	0	0	0
Mississippi College	25	0	0	0	0	0	0	0	0	25	0
Mississippi Rsch Cnstrm	584	0	0	0	0	0	0	0	584	0	0
Mississippi State U	37,423	21,450	147	3,591	1,040	2,068	675	881	577	5,052	1,942
Mississippi U for Women	59	0	0	0	0	0	0	59	0	0	0
Rust College	104	0	0	100	0	0	0	4	0	0	0
Tougaloo College	354	0	0	0	0	0	0	328	26	0	0
U of Mississippi	19,147	5,994	1,724	543	0	677	101	8,849	396	821	42
U of Southern Mississippi	5,164	1,000	368	2,027	0	166	0	661	430	456	56
Missouri, total	293,247	26,888	116	9,291	3,514	5,584	392	218,661	4,638	22,500	1,663
Central Missouri St U	24	0	0	0	0	0	0	0	0	24	0
Crowder College	210	0	0	0	210	0	0	0	0	0	0
Drury College	100	0	0	0	0	0	0	0	0	100	0
Evangel College	118	0	0	0	0	0	0	0	0	118	0
Harris Stowe State Col	88	0	0	0	0	0	0	0	0	88	0
Kirksville Col Osteo Med	1,638	0	0	0	0	0	0	1,638	0	0	0
Lincoln U (Jefferson City)	5,440	4,963	0	0	0	0	0	277	0	0	200
Missouri Southern St Col	15	0	0	0	0	0	0	0	0	0	15
Missouri Western St Col	26	0	0	26	0	0	0	0	0	0	0
Northwest Missouri St U	253	0	0	0	253	0	0	0	0	0	0
Rockhurst College	1	1	0	0	0	0	0	0	0	0	0
Southeast Missouri St U	293	0	0	0	99	0	0	12	13	169	0
Southwest Missouri St U	190	2	0	29	0	0	0	0	0	159	0
St Louis University	24,003	0	0	532	223	0	0	21,672	139	775	662
Truman State University	472	0	0	0	0	0	0	86	0	386	0
U of Missouri Columbia	45,246	21,330	31	1,585	969	669	0	15,609	542	4,391	120
U of Missouri Kansas City	5,061	0	0	50	0	173	0	3,793	22	1,018	5
U of Missouri Rolla	5,099	0	0	686	0	999	142	426	536	2,310	0
U of Missouri St Louis	2,992	0	0	365	0	0	0	1,394	95	1,021	117
U of Missouri Sys Admin	3,124	173	0	0	1,760	746	0	0	0	0	445
Washington University	198,854	419	85	6,018	0	2,997	250	173,754	3,291	11,941	99

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Montana, total	38,938	8,914	827	4,528	2,048	-1,591	508	5,165	2,202	12,888	267
Blackfeet CC	106	50	0	0	56	0	0	0	0	0	0
Carroll College (Helena)	11	0	0	0	0	0	0	0	11	0	0
Dull Knife Memorial Col	50	50	0	0	0	0	0	0	0	0	0
Fort Belknap College	109	50	0	0	59	0	0	0	0	0	0
Fort Peck CC	260	50	0	0	160	50	0	0	0	0	0
Little Big Horn College	73	50	0	0	23	0	0	0	0	0	0
Montana State U Billings	437	33	300	0	104	0	0	0	0	0	0
Montana State U Bozeman	23,409	7,386	527	3,701	178	10	500	2,917	1,298	6,642	250
Montana State U Northern	210	0	0	0	210	0	0	0	0	0	0
Montana Tech of U of MT	1,579	0	0	312	0	167	0	0	27	1,056	17
Montana U Sys Sys Off	1,460	10	0	0	0	0	0	0	0	1,450	0
Rocky Mountain College	18	0	0	0	0	0	0	0	18	0	0
Salish Kootenai College	1,749	130	0	0	0	50	8	280	0	1,281	0
Stone Child College	324	50	0	0	274	0	0	0	0	0	0
U of Montana, The	9,094	1,055	0	515	984	1,314	0	1,968	848	2,410	0
Western Montana College	49	0	0	0	0	0	0	0	0	49	0
Nebraska, total	65,110	15,974	421	3,393	706	897	24	22,531	1,352	14,538	5,274
Chadron State College	15	0	0	0	14	0	0	0	0	0	1
Creighton University	4,130	0	80	107	226	130	0	3,543	9	13	22
Nebraska Indian CC	50	50	0	0	0	0	0	0	0	0	0
Northeast CC (Norfolk)	1	1	0	0	0	0	0	0	0	0	0
U of Nebraska Ctrl Admin	1,016	139	48	0	331	498	0	0	0	0	0
U of Nebraska Kearney	451	0	0	0	0	0	0	360	0	91	0
U of Nebraska Lincoln	42,043	15,784	293	2,738	0	0	24	3,184	927	14,114	4,979
U of Nebraska Med Ctr	16,326	0	0	548	135	0	0	15,331	160	152	0
U of Nebraska Omaha	1,078	0	0	0	0	269	0	113	256	168	272
Nevada, total	27,301	3,232	944	1,332	198	3,908	1,004	6,497	922	7,666	1,598
Desert Research Institute	3,235	15	0	615	0	567	0	0	538	1,500	0
U & CC Sys of NV SO	2,134	0	0	200	0	0	426	0	0	1,508	0
U of Nevada Las Vegas	6,322	20	0	369	0	2,967	482	365	327	1,442	350
U of Nevada Reno	15,610	3,197	944	148	198	374	96	6,132	57	3,216	1,248
New Hampshire, total	77,345	4,104	3,345	3,375	459	1,142	356	39,056	12,957	12,446	105
Daniel Webster College	12	0	0	0	0	0	0	0	12	0	0
Dartmouth College	47,137	253	0	3,068	156	532	168	36,121	1,284	5,555	0
Franklin Pierce College	38	0	0	0	0	0	0	0	0	38	0
NH Cmty Tech Berlin Lac	100	0	0	0	0	0	0	0	0	100	0
NH Cmty Tech Nashua Clrmt	5	0	0	0	0	0	0	0	0	0	5
Rivier College	30	0	0	0	0	0	0	30	0	0	0
St Anselm College	66	0	0	0	0	0	0	66	0	0	0
U System of NH Sys Off	3,104	0	2,728	307	69	0	0	0	0	0	0
U of NH Durham	26,703	3,851	617	0	234	610	188	2,839	11,661	6,603	100
U of NH Keene St Col	150	0	0	0	0	0	0	0	0	150	0
New Jersey, total	224,737	11,268	5,985	25,827	1,073	14,605	4,045	95,162	8,064	54,410	4,298
Camden County College	3	0	0	0	0	0	3	0	0	0	0
College of N Jersey, The	712	0	0	0	112	0	0	0	0	600	0
Drew University	153	0	0	36	0	0	0	112	0	5	0
Jersey City State College	232	0	0	0	232	0	0	0	0	0	0
Mercer County CC	52	0	0	0	52	0	0	0	0	0	0
Middlesex County College	1,493	0	0	0	0	0	0	0	0	1,493	0
Monmouth University	111	0	0	53	0	0	0	0	0	58	0
Montclair St University	1,015	0	0	0	0	0	0	0	0	1,015	0
New Jersey Inst of Tech	6,196	0	0	665	242	57	2,046	0	109	3,077	0
Princeton University	75,068	95	2,429	13,180	0	7,756	114	19,985	4,754	26,715	40
Ramapo College of NJ	510	0	0	0	210	0	0	0	0	300	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New Jersey, continued											
Richard Stockton Col NJ	226	0	0	0	0	0	26	0	0	200	0
Rowan University	15	0	0	0	0	0	0	0	15	0	0
Rutgers St U of NJ	78,378	11,173	3,556	10,251	0	5,835	1,844	21,215	2,174	18,072	4,258
Seton Hall University	364	0	0	0	0	0	0	208	0	156	0
Stevens Institute of Tech	3,364	0	0	1,042	0	317	0	54	299	1,652	0
U of Med & Dent of NJ	56,845	0	0	600	225	640	12	53,588	713	1,067	0
New Mexico, total	129,645	9,454	809	45,516	3,284	6,585	395	24,077	23,136	14,928	1,461
Albuquerque T Vl A CC	335	0	0	0	0	0	0	0	0	218	117
College of Santa Fe	337	0	0	0	0	0	0	0	0	0	337
Eastern NM U	114	0	0	0	114	0	0	0	0	0	0
Inst Ind AK Culture & Art	71	50	0	0	0	0	0	0	0	21	0
Luna Vocation Tech Inst	50	0	0	0	0	50	0	0	0	0	0
New Mexico Highlands U	3,245	0	0	418	0	0	395	1,232	1,095	105	0
New Mexico Inst Mining	9,621	0	0	4,864	0	2,270	0	0	93	2,047	347
New Mexico St U	49,151	9,336	0	13,122	430	1,644	0	567	19,857	3,694	501
Northern New Mexico CC	750	0	750	0	0	0	0	0	0	0	0
Santa Fe CC (Sante Fe NM)	121	0	0	2	119	0	0	0	0	0	0
Southwestrn Indian Poly	50	50	0	0	0	0	0	0	0	0	0
U Albuquerque	197	0	0	0	0	0	0	197	0	0	0
U of New Mexico	65,459	18	59	27,110	2,522	2,621	0	22,081	2,091	8,798	159
Western New Mexico U	144	0	0	0	99	0	0	0	0	45	0
New York, total	1,140,506	26,916	10,398	62,246	10,149	55,644	3,565	720,571	23,153	220,194	7,670
Adelphi University	269	0	0	0	0	0	0	68	0	201	0
Albany Col of Pharmacy	357	0	0	0	0	0	0	357	0	0	0
Albany Law Schl Union U	26	0	0	0	26	0	0	0	0	0	0
Albany Medical College	5,251	0	0	7	0	0	0	5,244	0	0	0
Alfred University	996	0	0	375	0	543	0	0	0	78	0
Bank Street Col of Ed	304	0	0	0	224	0	0	0	0	80	0
Bard College	60	0	0	0	0	0	0	0	0	60	0
Barnard College	839	0	0	300	0	0	0	304	0	235	0
CUNY Bernard Baruch Col	206	0	0	142	0	0	0	25	0	39	0
CUNY Boro of Manhattan CC	210	0	0	0	0	0	0	0	0	160	50
CUNY Bronx CC	1,032	0	0	0	0	0	0	1,032	0	0	0
CUNY Brooklyn College	1,716	0	0	329	0	0	0	718	100	569	0
CUNY City College	12,801	0	0	880	0	926	0	4,466	1,814	4,715	0
CUNY Col Staten Island	584	0	0	0	0	0	0	360	0	224	0
CUNY Grad Schl & U Ctr	3,254	0	0	363	90	0	0	1,919	0	882	0
CUNY Herbert H Lehman Col	1,134	0	0	144	0	40	0	773	0	177	0
CUNY Hostos CC	50	0	0	0	0	50	0	0	0	0	0
CUNY Hunter College	6,537	0	0	166	0	202	0	4,516	22	1,631	0
CUNY J Jay Col Crim Just	1,051	0	0	0	54	0	0	997	0	0	0
CUNY Laguardia CC	70	0	0	0	0	0	0	0	0	70	0
CUNY Mt Sinai Schl of Med	65,589	0	0	167	1,178	231	0	62,922	947	144	0
CUNY NY City Tech Col	58	0	0	0	0	58	0	0	0	0	0
CUNY Queens College	1,891	0	0	91	73	0	0	1,443	0	284	0
CUNY Queensboro CC	346	0	0	0	0	0	0	0	0	346	0
CUNY System Office	9,123	0	0	314	1,400	0	0	21	150	5,508	1,730
CUNY York College	1,497	0	0	0	0	0	0	1,302	195	0	0
Canisius College	289	117	0	0	94	0	0	0	0	78	0
Clarkson University	2,761	0	0	337	0	63	167	0	578	1,616	0
Colgate University	351	0	0	0	0	0	0	0	0	351	0
College of Mt St Vincent	23	0	0	0	0	0	0	23	0	0	0
College of New Rochelle	28	0	0	0	0	0	0	28	0	0	0
Columbia U Central Off	3,177	0	0	428	0	0	201	2,136	0	0	412
Columbia U City New York	204,738	117	5,397	8,534	126	8,250	166	142,257	4,841	34,850	200
Cooper Union	464	0	0	4	0	0	0	0	0	460	0
Cornell University	230,700	25,030	382	14,534	195	5,082	1,150	94,176	6,024	83,322	805

See explanatory information, if any, and SOURCE at end of table

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New York, continued											
D'Youville College	177	0	0	0	0	0	0	43	0	134	0
Finger Lakes CC	32	0	0	0	0	0	0	0	0	32	0
Fordham University	1,126	0	14	0	0	0	0	902	0	210	0
Hamilton College	275	0	0	0	0	0	0	110	0	165	0
Hobart & Wm Smith Cols	84	0	0	0	0	0	0	39	0	45	0
Hofstra University	517	0	0	177	103	0	0	0	147	90	0
Iona College	95	0	0	95	0	0	0	0	0	0	0
Ithaca College	199	0	0	0	0	0	0	69	0	130	0
Long Island University	1,045	0	0	0	0	0	0	475	0	570	0
Manhattan College	8	0	0	0	0	0	0	0	0	8	0
Mercy Col (Dobbs Ferry)	119	0	0	0	61	0	0	0	0	58	0
NY Inst of Tech	212	0	0	0	0	0	0	0	0	212	0
NY Medical College	11,081	0	0	277	600	0	0	10,142	0	62	0
NY University	90,290	0	0	3,878	1,691	2,907	573	71,614	454	9,173	0
New School Social Rsch	207	0	0	0	0	0	19	188	0	0	0
Niagara University	57	0	0	0	0	0	0	19	38	0	0
Pace University	501	170	0	0	0	0	0	331	0	0	0
Polytechnic University	3,267	0	0	1,397	0	289	0	0	152	1,329	100
Regents Col, U of St NY	88	0	0	0	0	0	0	0	0	88	0
Rensselaer Polytech Inst	20,177	92	0	4,697	0	1,629	609	1,897	1,771	9,422	60
Roberts Wesleyan College	94	0	0	0	0	0	0	94	0	0	0
Rochester Inst Technology	2,653	0	428	296	0	0	0	984	217	712	16
Rockefeller University	47,682	0	0	280	0	1,087	0	44,545	0	1,770	0
Russell Sage College	87	0	0	0	0	0	0	72	0	15	0
SUNY Col Brockport	225	0	0	0	86	0	0	0	0	139	0
SUNY Col Buffalo	3,500	0	0	481	1,500	570	30	463	102	354	0
SUNY Col Cortland	750	0	0	0	0	0	0	0	0	750	0
SUNY Col Env Sci & Forest	1,260	574	0	0	0	0	0	0	0	632	54
SUNY Col Fredonia	162	0	0	0	0	0	0	0	0	162	0
SUNY Col Geneseo	446	0	0	0	241	0	0	0	0	205	0
SUNY Col Old Westbury	906	0	0	0	0	0	0	859	0	47	0
SUNY Col Oneonta	43	0	0	0	0	0	0	0	43	0	0
SUNY Col Oswego	75	0	0	0	0	0	0	0	0	75	0
SUNY Col Plattsburgh	769	0	461	0	0	0	0	283	0	25	0
SUNY Col Potsdam	15	0	0	0	0	0	0	0	0	15	0
SUNY Col of Optometry	322	0	0	0	0	0	0	322	0	0	0
SUNY Corning CC	66	0	0	0	0	0	0	0	0	66	0
SUNY Farmingdale	47	0	0	0	0	0	0	0	0	47	0
SUNY Hlth Sci Ctr Brklyn	18,047	0	0	0	0	0	0	18,029	0	18	0
SUNY Hlth Sci Ctr Syracus	9,384	0	0	0	0	0	0	8,995	0	389	0
SUNY Inst Tech Utica Rome	34	0	0	0	0	0	0	0	0	34	0
SUNY Jefferson CC	38	0	0	0	0	0	0	0	0	38	0
SUNY Maritime College	14	0	0	0	0	0	0	0	0	14	0
SUNY Nassau CC	81	0	0	0	0	0	0	0	0	81	0
SUNY Purchase Col	185	0	0	0	0	0	0	0	180	5	0
SUNY Sullivan Co CC	20	0	0	0	0	0	0	0	0	20	0
SUNY System Office	2,244	79	124	172	1,435	0	0	0	0	434	0
SUNY at Albany	15,999	486	0	302	0	1,549	510	8,892	646	3,447	167
SUNY at Binghamton	5,237	0	0	1,270	0	126	94	1,892	0	1,855	0
SUNY at Buffalo	43,600	122	0	4,370	5	35	0	26,245	441	9,559	2,823
SUNY at New Paltz	105	0	0	0	0	0	0	16	0	89	0
SUNY at Stony Brook	82,702	0	3,588	6,762	0	5,188	46	41,564	3,184	21,192	1,178
Siena College (Loudnvl)	8	0	0	0	0	0	0	0	0	8	0
Skidmore College	51	0	0	0	0	0	0	0	0	51	0
St John Fisher College	72	0	0	0	0	0	0	27	0	45	0
St Johns University (NY)	983	0	0	0	0	0	0	983	0	0	0
Syracuse University	16,017	2	0	3,446	615	1,590	0	4,395	644	5,325	0
Teachers Col Columbia U	2,177	0	0	0	203	0	0	1,874	0	100	0

See explanatory information, if any, and SOURCE at end of table

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New York, continued											
Union Col (Schenectady)	172	0	4	0	0	0	0	10	0	158	0
University of Rochester	118,509	127	0	7,008	149	25,229	0	72,182	394	13,345	75
Vassar College	335	0	0	0	0	0	0	0	0	335	0
Wagner College	12	0	0	0	0	0	0	12	0	0	0
Webb Institute	17	0	0	0	0	0	0	0	0	17	0
Wells College	4	0	0	4	0	0	0	0	0	0	0
Yeshiva University NY	78,018	0	0	219	0	0	0	76,917	69	813	0
North Carolina, total	543,479	36,996	9,180	34,707	8,340	11,556	7,231	361,143	8,146	51,803	14,377
Appalachian St University	656	0	5	0	444	0	0	33	0	174	0
Barber Scotia College	50	0	0	0	50	0	0	0	0	0	0
Bennett Col (Greensboro)	131	0	0	0	52	0	0	79	0	0	0
Brunswick CC	2,000	0	2,000	0	0	0	0	0	0	0	0
Central Piedmont CC	245	0	0	0	245	0	0	0	0	0	0
Davidson College	402	0	0	2	0	0	0	0	0	400	0
Duke University	176,225	374	0	9,045	150	5,772	1,110	145,849	856	12,729	340
East Carolina University	4,385	90	45	925	265	0	0	2,742	26	273	19
Elizabeth City State U	1,279	0	0	338	0	0	0	38	560	341	2
Elon College	79	20	0	0	0	0	0	0	0	59	0
Fayetteville State U	1,246	0	0	0	0	15	0	1,018	150	63	0
Guilford College	86	0	0	0	0	0	0	0	0	86	0
Johnson C Smith U	971	0	0	149	210	0	0	545	67	0	0
Livingstone College	78	0	0	0	78	0	0	0	0	0	0
Mars Hill College	8	0	0	0	0	0	0	0	0	8	0
Methodist College	75	0	0	0	0	0	0	0	0	75	0
NC Ag & Tech State U	16,174	6,800	0	2,168	0	705	96	625	2,836	1,913	1,031
NC Central University	1,703	42	0	50	76	194	166	1,175	0	0	0
NC State U at Raleigh	77,041	25,956	4,482	12,181	956	2,608	0	7,663	2,856	18,688	1,651
Shaw University	367	0	0	0	60	150	65	92	0	0	0
St Andrews Prsbytn Col	147	0	0	0	0	0	0	0	0	147	0
St Augustines College	38	0	0	0	0	0	0	38	0	0	0
U of NC Asheville	232	0	0	0	0	8	0	98	0	126	0
U of NC Chapel Hill	181,153	641	92	8,239	4,535	1,674	5,644	146,118	436	10,989	2,785
U of NC Charlotte	2,406	0	321	456	551	0	0	315	0	763	0
U of NC General Admin Off	8,999	50	0	0	0	430	0	0	0	0	8,519
U of NC Greensboro	2,948	3	0	0	253	0	0	777	50	1,865	0
U of NC Pembroke	376	0	0	0	0	0	0	165	198	13	0
U of NC Wilmington	3,065	0	2,235	0	0	0	0	217	0	613	0
Wake Forest University	58,588	3,006	0	1,154	0	0	150	52,152	83	2,043	0
Wake Technical CC	200	0	0	0	0	0	0	0	0	200	0
Western Carolina U	544	14	0	0	236	0	0	91	0	203	0
Winston Salem State U	1,582	0	0	0	179	0	0	1,313	28	32	30
North Dakota, total	39,418	9,942	0	2,781	1,067	14,842	492	3,765	944	4,497	1,088
Bismarck State College	1	1	0	0	0	0	0	0	0	0	0
Cankdeska Cikana CC	86	50	0	0	36	0	0	0	0	0	0
Dickinson State U	1	1	0	0	0	0	0	0	0	0	0
Fort Bethold CC	50	50	0	0	0	0	0	0	0	0	0
Jamestown College	50	0	0	0	0	0	0	0	0	50	0
Mayville State University	73	0	0	0	0	0	0	0	0	73	0
Minot State University	222	0	0	0	222	0	0	0	0	0	0
North Dakota St U	13,980	8,932	0	2,116	0	272	0	680	0	901	1,079
Sitting Bull College	168	50	0	0	118	0	0	0	0	0	0
Turtle Mountain CC	1,193	50	0	0	416	0	0	0	159	568	0
U of North Dakota	23,412	758	0	665	176	14,570	492	3,052	785	2,905	9
United Tribes Tech Col	149	50	0	0	99	0	0	0	0	0	0
University of Mary	33	0	0	0	0	0	0	33	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Ohio, total	400,015	22,127	1,559	53,047	3,843	9,183	3,862	234,896	15,802	47,300	8,396
Ashland University	64	0	0	0	0	0	0	64	0	0	0
Baldwin Wallace College	259	0	0	0	0	0	0	0	49	210	0
Bowling Gr St U	2,901	0	0	610	164	0	0	567	0	1,560	0
Case Western Reserve U	144,868	0	86	7,187	496	361	27	126,747	3,461	6,158	345
Central State U (Wlbrfc)	963	0	0	0	0	0	0	4	959	0	0
Cincinnati St Tech & CC	60	0	0	0	0	0	0	0	0	60	0
Cleveland State U	2,664	0	0	0	0	0	0	660	1,569	396	39
College of Wooster	157	0	0	0	0	0	0	0	0	157	0
Columbus State CC	33	0	0	0	0	0	0	0	0	33	0
Cuyahoga CC	545	0	0	0	0	0	0	0	545	0	0
Denison University	160	0	0	0	0	62	0	98	0	0	0
John Carroll University	259	0	0	221	0	0	0	0	0	38	0
Kent State U	9,461	0	8	1,018	1,044	253	106	2,882	225	3,925	0
Kenyon College	423	0	0	0	0	0	0	0	0	423	0
Lorain County CC	19	0	0	0	0	0	0	0	19	0	0
Medical College of Ohio	8,758	0	0	148	0	0	0	8,169	0	441	0
Miami University All Cmp	4,919	242	16	75	0	39	225	591	100	3,631	0
Midwest U Cnsrtm Intl Act	48	0	0	0	0	0	0	0	0	0	48
Northeastern OH U Col Med	1,168	0	0	0	0	0	0	968	0	200	0
Oberlin College	406	0	0	0	0	0	0	92	0	314	0
Ohio Col Podiatric Med	39	0	0	0	0	0	0	39	0	0	0
Ohio Northern University	12	0	0	0	0	0	0	0	0	12	0
Ohio State U	111,069	21,740	1,104	6,554	342	5,735	423	46,301	5,225	17,535	6,110
Ohio University	6,817	0	17	2,324	0	547	0	1,278	176	1,401	1,074
Ohio Wesleyan University	423	0	0	133	0	0	0	0	0	290	0
Otterbein College	11	0	0	0	0	0	0	11	0	0	0
Shawnee State University	37	0	0	0	0	0	0	0	0	37	0
Sinclair Community Col	1,169	0	0	0	0	0	0	0	0	1,019	150
Stark State Col of Tech	7	0	0	0	0	0	0	0	0	7	0
U of Akron	4,128	0	90	327	236	206	91	864	764	1,460	90
U of Cincinnati	54,965	0	238	3,815	434	1,748	2,890	39,603	805	5,418	14
U of Dayton	30,128	0	0	28,533	108	0	100	114	158	589	526
U of Toledo	3,006	145	0	172	388	122	0	864	973	342	0
Wilberforce University	244	0	0	0	0	110	0	0	75	59	0
Wright State U	9,655	0	0	1,930	631	0	0	4,955	662	1,477	0
Xavier U (Cincinnati)	25	0	0	0	0	0	0	25	0	0	0
Youngstown State U	145	0	0	0	0	0	0	0	37	108	0
Oklahoma, total	79,505	17,842	3,772	5,395	1,667	3,087	1,168	22,899	8,351	14,543	781
Cameron University	13	0	0	0	0	0	0	0	0	13	0
Carl Albert State Col	236	0	0	0	236	0	0	0	0	0	0
East Central University	1,033	12	0	0	236	0	463	322	0	0	0
Langston University	3,853	3,737	0	0	0	116	0	0	0	0	0
Northeastern State U	91	0	0	0	0	0	0	91	0	0	0
Northern Oklahoma College	51	0	0	0	0	0	0	0	0	51	0
Oklahoma St U	35,975	13,774	0	4,531	14	786	209	2,575	7,800	6,258	28
Rogers University	237	1	0	0	236	0	0	0	0	0	0
Seminole State College	55	0	0	0	0	0	0	0	0	55	0
Southeastern OK St U	454	5	0	0	236	0	0	213	0	0	0
U of Oklahoma	34,250	254	3,772	835	694	1,786	343	19,522	509	5,782	753
U of Tulsa	3,257	59	0	29	15	399	153	176	42	2,384	0
Oregon, total	173,839	21,584	4,649	14,527	6,153	9,704	4,464	70,470	4,689	29,993	7,606
Central Oregon CC	47	27	0	0	0	0	0	0	0	20	0
Chemeketa CC	1,000	0	0	0	0	0	0	0	0	1,000	0
Clatsop Community College	120	0	120	0	0	0	0	0	0	0	0
Eastern Oregon State Col	291	0	0	0	0	0	0	0	0	291	0
Lane Community College	60	0	0	0	0	0	0	0	0	60	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Oregon, continued											
Lewis & Clark College	459	1	0	0	189	0	0	0	0	269	0
Linfield College	18	18	0	0	0	0	0	0	0	0	0
Linn Benton Community Col	50	0	0	0	0	0	0	0	0	50	0
Oregon Grad Inst Sci Tech	10,408	0	0	6,071	0	644	234	1,465	158	1,756	80
Oregon Hlth Sciences U	53,199	0	0	349	0	4,684	0	47,437	240	489	0
Oregon Institute of Tech	480	0	0	0	0	480	0	0	0	0	0
Oregon State Sys Hi Ed	419	0	0	0	419	0	0	0	0	0	0
Oregon State University	72,435	21,187	4,529	5,918	176	855	4,007	8,289	4,003	16,556	6,915
Pacific University	51	0	0	0	0	0	0	0	0	51	0
Portland CC	68	0	0	0	0	0	0	0	0	68	0
Portland State U (OR)	3,081	0	0	318	873	90	133	1,140	0	527	0
Reed College	473	0	0	0	0	0	0	275	0	198	0
Southern Oregon U	113	0	0	0	0	0	0	0	0	113	0
University of Oregon	29,902	351	0	1,871	3,776	2,951	90	11,624	288	8,340	611
University of Portland	118	0	0	0	0	0	0	0	0	118	0
Western Oregon University	720	0	0	0	720	0	0	0	0	0	0
Western States Chiro Col	240	0	0	0	0	0	0	240	0	0	0
Willamette University	87	0	0	0	0	0	0	0	0	87	0
Pennsylvania, total	839,436	24,754	1,522	133,337	8,168	22,889	3,602	502,846	15,917	121,083	5,318
Allegheny College	71	0	0	0	0	0	0	0	0	71	0
Allegheny U Hlth Sciences	25,463	0	0	241	158	0	0	24,954	0	110	0
Beaver College (Glenside)	179	0	0	0	0	0	0	121	0	58	0
Bloomsburg U of PA	68	3	0	0	0	0	0	0	0	65	0
Bryn Mawr College	1,034	0	10	0	0	0	0	381	0	643	0
Bucknell University	145	0	0	0	0	0	0	0	0	145	0
CC Allegheny Co All Cmp	202	0	0	0	0	0	0	202	0	0	0
CC Philadelphia	209	0	0	0	0	0	0	0	0	209	0
California U of PA	147	0	147	0	0	0	0	0	0	0	0
Carlow College	45	0	0	0	0	0	0	0	0	45	0
Carnegie Mellon U	99,441	0	398	40,686	0	6,196	673	9,749	3,781	36,288	1,670
Chestnut Hill College	15	0	0	0	0	0	0	0	0	15	0
Clarion U of PA	142	0	0	0	0	0	0	0	0	142	0
College Misericordia	90	0	0	0	0	0	0	42	0	48	0
Dickinson College	822	0	0	0	0	0	0	0	0	822	0
Drexel University	8,526	122	39	1,198	0	220	21	1,400	385	5,131	10
Duquesne University	310	0	0	0	0	0	0	209	0	101	0
East Stroudsburg U of PA	31	0	0	0	0	0	0	0	0	31	0
Edinboro U of PA	21	0	0	0	0	0	0	0	0	21	0
Elizabethtown College	91	0	0	0	0	0	0	91	0	0	0
Franklin & Marshall Col	525	0	0	0	0	0	0	24	25	476	0
Gannon University	84	0	0	0	0	0	0	68	0	16	0
Geneva College	62	0	0	0	0	0	0	0	0	62	0
Gettysburg College	50	0	0	0	0	0	0	0	0	50	0
Gwynedd Mercy College	23	0	0	0	0	0	0	23	0	0	0
Harrisburg Area CC	88	1	0	0	0	0	0	0	0	87	0
Haverford College	629	0	0	0	0	0	0	0	21	608	0
Indiana U of PA	440	0	0	0	0	0	0	325	0	115	0
Juniata College	419	0	0	0	0	0	0	34	0	385	0
La Salle University	65	0	0	0	0	0	0	65	0	0	0
Lafayette College	113	0	0	0	0	0	0	0	0	113	0
Lehigh Carbon CC	98	0	0	0	98	0	0	0	0	0	0
Lehigh University	13,643	0	60	4,239	0	896	0	604	45	7,699	100
Lincoln U (Linc U PA)	903	0	0	718	0	0	0	167	0	18	0
Mansfield U of PA	21	0	0	0	0	0	0	0	0	21	0
Mercyhurst College	101	0	0	0	101	0	0	0	0	0	0
Millersville U of PA	282	0	0	0	0	0	0	0	0	282	0
PA Col of Optometry	467	0	0	0	368	0	0	99	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pennsylvania, continued											
PA Col of Podiatric Med	30	0	0	0	0	0	0	30	0	0	0
PA St U University Park	190,193	21,938	423	63,826	479	5,161	1,679	57,417	9,396	27,986	1,888
Phila Col Osteopathic Med	120	0	0	50	0	0	0	70	0	0	0
Phila Col of Pharm & Sci	312	0	0	0	0	0	0	228	0	84	0
Phila Col of Text & Sci	100	0	0	50	0	0	0	0	0	50	0
Slippery Rock U of PA	224	0	0	0	96	0	0	0	0	128	0
St Francis Col (Loretto)	4,184	0	0	4,184	0	0	0	0	0	0	0
St Joseph's University	2,365	2,365	0	0	0	0	0	0	0	0	0
St Vincent College & Sem	38	0	0	0	0	0	0	0	0	38	0
Susquehanna University	104	0	0	0	0	0	0	104	0	0	0
Swarthmore College	589	0	0	2	0	0	0	111	0	476	0
Temple University	25,119	0	0	465	236	339	0	20,776	0	3,204	99
Thomas Jefferson U	52,837	0	0	635	592	0	43	51,338	0	229	0
U of Pennsylvania	240,764	325	350	12,918	2,800	8,340	841	191,595	1,018	22,366	211
U of Pittsburgh	165,960	0	95	3,990	3,240	1,737	305	142,356	1,047	11,850	1,340
U of Scranton	103	0	0	0	0	0	0	13	0	90	0
Ursinus College	20	0	0	0	0	0	0	0	0	20	0
Villanova University	1,024	0	0	117	0	0	0	146	199	562	0
Waynesburg College	7	0	0	0	0	0	0	0	0	7	0
West Chester U of PA	157	0	0	18	0	0	40	0	0	99	0
Westminster Col (N Wmgtn)	17	0	0	0	0	0	0	0	0	17	0
Widener U All Campuses	90	0	0	0	0	0	0	90	0	0	0
Wilkes University	14	0	0	0	0	0	0	14	0	0	0
Rhode Island, total	74,012	7,379	5,066	12,190	0	3,069	275	24,751	2,358	16,390	2,534
Brown University	43,093	61	25	8,824	0	2,927	0	19,045	1,701	10,502	8
Rhode Island College	496	0	0	75	0	0	0	0	0	421	0
Roger Williams U All Cmp	20	0	0	0	0	0	0	0	0	20	0
U of Rhode Island	30,403	7,318	5,041	3,291	0	142	275	5,706	657	5,447	2,526
South Carolina, total	111,858	16,260	3,810	17,010	1,357	24,071	299	34,920	2,269	11,256	606
Benedict College	1,073	0	0	0	0	0	0	971	0	102	0
Citadel Military Col SC	34	0	0	0	0	0	0	0	34	0	0
Claflin College	358	0	0	0	236	0	0	0	0	122	0
Clemson University	30,316	12,525	0	4,607	0	8,147	134	397	920	3,421	165
College of Charleston	750	0	34	17	0	0	0	0	244	455	0
Francis Marion University	22	0	0	0	0	0	0	0	0	22	0
Furman University	808	0	0	0	0	109	0	140	28	531	0
Greenville Tech College	50	0	0	0	0	50	0	0	0	0	0
Medical U of S Carolina	42,120	48	0	4,903	0	10,401	81	26,083	0	604	0
Midlands Tech College	210	0	180	30	0	0	0	0	0	0	0
Morris College	54	0	0	0	54	0	0	0	0	0	0
Piedmont Tech College	265	0	265	0	0	0	0	0	0	0	0
SC Sea Grant Consortium	3,226	0	3,226	0	0	0	0	0	0	0	0
SC State University	4,782	3,670	0	0	192	254	0	0	650	0	16
Trident Tech Col	230	0	0	0	141	0	0	0	0	89	0
U of SC All Campuses	27,247	17	105	7,453	498	5,110	84	7,329	393	5,833	425
Voorhees College	236	0	0	0	236	0	0	0	0	0	0
Winthrop University	77	0	0	0	0	0	0	0	0	77	0
South Dakota, total	19,334	9,910	366	967	328	0	0	926	1,368	5,384	85
Augustana Col (Sioux Fls)	115	0	0	0	0	0	0	0	0	115	0
Cheyenne River CC	50	50	0	0	0	0	0	0	0	0	0
Dakota State University	35	0	0	0	0	0	0	0	0	35	0
Mount Marty College	21	0	0	0	0	0	0	21	0	0	0
Northern State University	70	0	0	0	0	0	0	0	0	70	0
Oglala Lakota College	2,500	50	0	0	0	0	0	188	0	2,262	0
SD School Mines & Tech	3,123	0	200	592	0	0	0	0	1,368	963	0
SD State University	10,493	9,710	166	375	0	0	0	40	0	167	35
Sinte Gleska University	158	50	0	0	108	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Dakota, continued:											
Sisseton Wahpeton CC	50	50	0	0	0	0	0	0	0	0	0
U of S Dakota	2,042	0	0	0	220	0	0	0	0	1,772	50
U of S Dakota Sys Off	677	0	0	0	0	0	0	677	0	0	0
Tennessee, total	207,613	25,466	366	12,290	2,442	7,512	1,069	134,230	6,360	14,847	3,031
Austin Peay State U	19	0	0	0	0	0	0	0	0	15	4
Belmont University	38	0	0	0	0	0	0	38	0	0	0
Columbia State CC	15	0	0	0	0	0	0	0	0	15	0
East Tennessee State U	1,298	228	0	0	0	0	0	1,019	42	9	0
Fisk University	1,993	0	0	383	0	187	0	203	981	239	0
Knoxville College	197	0	0	197	0	0	0	0	0	0	0
Lane College	22	0	0	0	22	0	0	0	0	0	0
Lincoln Memorial U	8	8	0	0	0	0	0	0	0	0	0
Maryville College (TN)	14	0	0	0	0	0	0	0	0	14	0
Meharry Medical College	12,577	0	0	942	0	0	0	10,727	107	801	0
Middle TN State U	70	0	0	0	0	0	0	0	70	0	0
Nashville State Tech Inst	220	0	0	0	0	0	0	0	0	220	0
Northeast State Tech CC	55	0	0	0	0	0	0	0	0	55	0
Rhodes College	234	0	0	0	0	0	0	0	41	193	0
Tennessee State U	12,420	5,382	0	834	171	0	0	1,429	2,773	1,803	28
Tennessee Technological U	789	24	0	114	0	221	123	0	0	307	0
Tusculum College	24	0	0	0	0	0	0	0	0	24	0
U of Memphis	5,413	264	0	0	370	19	0	3,868	95	439	358
U of Tennessee Chtnooga	977	0	0	0	0	772	0	134	0	71	0
U of Tennessee Knoxville	41,057	19,398	71	3,580	0	3,141	912	4,776	595	5,963	2,621
U of Tennessee Memphis	24,143	83	0	432	0	0	0	23,018	75	535	0
U of Tennessee U-Wide Adm	3,171	79	295	194	236	2,167	0	0	0	180	20
Vanderbilt University	102,859	0	0	5,614	1,643	1,005	34	89,018	1,581	3,964	0
Texas, total	772,016	39,769	6,292	90,591	7,835	25,241	2,779	465,015	35,699	91,032	7,763
Abilene Christian U	133	0	0	0	0	119	0	0	0	14	0
Alamo CC District	22	0	0	0	22	0	0	0	0	0	0
Baylor Col of Medicine	98,072	243	0	3,572	1,180	0	0	92,328	749	0	0
Baylor University	2,310	15	0	4	0	950	0	0	0	1,322	19
Brazosport College	36	0	0	0	0	0	0	0	0	36	0
Cedar Val Col (Lancastr)	12	0	0	0	0	0	0	0	0	12	0
El Paso Community College	72	0	0	0	0	0	72	0	0	0	0
Houston Community College	70	0	0	0	0	50	0	0	0	20	0
Huston Tillotson College	148	0	0	0	0	0	0	0	148	0	0
Jarvis Christian College	247	0	0	166	0	30	0	0	0	51	0
Lamar University	711	0	0	0	608	0	0	0	53	50	0
Laredo Community College	20	0	0	0	0	0	0	0	0	20	0
Le Tourneau University	53	0	0	0	0	0	0	0	53	0	0
Mountain View College	173	0	0	0	173	0	0	0	0	0	0
Our Lady of the Lake U	441	0	0	317	124	0	0	0	0	0	0
Panola College	200	0	0	0	0	0	0	0	0	200	0
Prairie View A&M U	8,649	6,116	0	932	0	506	0	275	747	51	22
Rice University	30,415	0	49	3,291	0	2,352	433	4,309	3,347	16,528	106
Sam Houston State U	1,295	108	0	1,160	0	0	0	0	0	0	27
Southern Methodist U	4,037	0	0	811	0	373	0	1,284	47	1,522	0
Southwest Texas St U	1,002	186	0	0	83	0	0	53	50	630	0
Southwestern Chrstn Col	54	0	0	0	54	0	0	0	0	0	0
St Edwards University	16	0	0	0	0	0	0	0	0	16	0
St Marys U (San Antonio)	375	0	0	0	0	0	0	375	0	0	0
Stephen F Austin St U	859	390	0	0	463	0	0	0	0	6	0
Tarleton State University	7,851	850	0	0	0	0	730	6,271	0	0	0
Temple College	90	90	0	0	0	0	0	0	0	0	0
Texas A&M International U	2,014	0	0	0	102	0	0	0	0	32	1,880
Texas A&M U	78,296	29,846	2,576	3,839	275	3,766	292	15,223	4,441	14,232	3,806

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Texas, continued											
Texas A&M U Commerce	130	0	0	0	0	0	0	0	0	130	0
Texas A&M U Corpus Chrsti	472	0	282	73	0	0	0	47	0	70	0
Texas A&M U Galveston	1,176	0	0	1,176	0	0	0	0	0	0	0
Texas A&M U Kingsville	942	0	0	0	0	0	0	708	112	96	26
Texas A&M U Sys Baylor	665	0	0	0	0	0	0	665	0	0	0
Texas A&M U System Office	3,646	665	518	617	371	1,387	0	68	0	0	20
Texas Christian U	2,796	25	30	0	0	0	0	1,825	0	738	178
Texas Lutheran University	2	0	0	2	0	0	0	0	0	0	0
Texas Southern U	2,963	0	0	0	283	242	0	1,337	755	175	171
Texas Southmost College	151	0	0	0	0	0	0	0	151	0	0
Texas State Tech Col	1,308	95	153	0	0	0	0	0	0	1,060	0
Texas Tech University	10,188	674	0	3,683	433	583	446	2,960	191	1,218	0
Texas Wesleyan University	576	0	0	0	0	0	0	549	0	27	0
Texas Womans University	1,421	0	0	117	443	0	0	861	0	0	0
Trinity University	894	0	0	4	0	0	0	388	0	502	0
U of Dallas	547	0	0	0	0	0	0	0	0	547	0
U of Houston	19,364	15	26	901	0	1,034	120	5,689	7,521	3,925	133
U of Houston Clear Lake	2,964	35	0	0	0	0	0	27	2,755	147	0
U of Houston Downtown	828	0	0	25	0	0	0	0	0	803	0
U of Houston Sys Admin	402	0	0	312	90	0	0	0	0	0	0
U of N Texas	2,174	0	0	362	236	138	100	596	242	499	1
U of N Texas Hlth Sci Ctr	3,785	0	0	0	0	0	0	3,479	225	81	0
U of TX Arlington	7,786	1	0	4,647	236	500	295	186	200	1,569	152
U of TX Austin	123,689	376	1,186	53,423	1,482	10,343	245	19,364	8,205	28,191	874
U of TX Dallas	4,156	0	0	781	120	299	0	1,103	549	1,304	0
U of TX El Paso	17,625	0	472	1,936	276	0	0	3,083	1,878	9,810	170
U of TX Hlth Sci Houston	67,427	39	0	648	0	325	0	65,249	762	257	147
U of TX Hlth Sci S Anto	54,327	0	0	1,219	0	6	0	52,683	115	304	0
U of TX MD Anderson Cancr	56,618	0	0	2,481	0	0	0	53,970	0	167	0
U of TX Med Brnch Galvstn	45,223	0	1,000	1,576	0	670	46	41,056	409	466	0
U of TX Pan American	954	0	0	0	24	0	0	382	429	119	0
U of TX SW Med Ctr Dals	88,488	0	0	1,209	521	1,568	0	83,655	420	1,105	0
U of TX San Antonio	9,172	0	0	1,307	0	0	0	3,818	1,135	2,881	31
U of TX Tyler	782	0	0	0	0	0	0	782	0	0	0
U of the Incarnate Word	72	0	0	0	0	0	0	72	0	0	0
West Texas A&M U	23	0	0	0	0	0	0	23	0	0	0
Wiley College	607	0	0	0	236	0	0	272	0	99	0
Utah, total	136,090	7,331	508	25,351	2,251	7,005	509	66,192	4,630	21,557	756
Brigham Young U	4,936	51	0	764	0	102	127	1,125	558	2,209	0
College of Eastern Utah	56	0	0	0	56	0	0	0	0	0	0
Salt Lake CC	182	0	0	0	182	0	0	0	0	0	0
Southern Utah University	6	0	0	0	0	0	0	0	0	6	0
University of Utah	94,645	0	508	6,406	0	6,743	25	63,375	1,030	16,062	496
Utah State University	35,738	7,280	0	18,177	2,013	160	157	1,692	3,042	2,957	260
Utah Valley State College	155	0	0	0	0	0	0	0	0	155	0
Weber State University	272	0	0	4	0	0	200	0	0	68	0
Westminster Col Salt Lake	100	0	0	0	0	0	0	0	0	100	0
Vermont, total	44,143	9,325	541	1,419	1,802	1,023	74	25,809	470	3,622	58
Community Col of Vermont	1	1	0	0	0	0	0	0	0	0	0
Johnson State College	60	0	0	0	0	0	0	0	0	60	0
Middlebury College	269	0	0	0	0	0	0	232	37	0	0
St Michaels College	28	0	0	0	0	0	0	0	0	28	0
University of Vermont	43,069	9,324	0	1,419	1,702	1,023	0	25,577	433	3,534	57
Vermont Technical College	716	0	541	0	100	0	74	0	0	0	1

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Virginia, total	260,816	20,692	3,189	23,115	4,467	21,192	1,044	116,181	20,056	40,999	9,881
Col William & Mary All C	9,048	10	603	1,270	254	662	178	319	1,762	3,747	243
Eastern VA Medical Schl	8,761	0	0	0	61	0	0	3,636	131	0	4,933
Ferrum College	54	0	0	0	0	0	0	0	0	54	0
George Mason University	7,673	19	0	3,029	145	24	87	458	1,209	2,472	230
Hampden Sydney College	70	0	0	0	0	0	0	0	51	19	0
Hampton University	11,163	0	0	2,640	114	1,262	213	1,944	3,293	1,663	34
Hollins College	27	0	0	0	0	0	0	27	0	0	0
James Madison University	1,172	181	0	0	246	0	0	0	26	719	0
Longwood College	56	0	0	0	0	0	0	0	56	0	0
Mary Washington College	29	0	0	0	0	0	0	0	0	29	0
Marymount U (Arlington)	8	0	0	0	0	0	0	8	0	0	0
Norfolk State University	1,372	0	0	0	0	75	16	113	702	367	99
Old Dominion University	9,296	0	84	994	0	826	61	534	3,887	2,882	28
Radford University	140	0	58	0	0	0	0	23	0	59	0
Randolph Macon College	42	0	0	0	0	0	0	0	0	42	0
Roanoke College	51	0	0	0	0	0	0	0	51	0	0
Shenandoah University	86	0	0	0	71	0	0	0	15	0	0
Sweet Briar College	114	0	0	0	0	0	0	114	0	0	0
Thomas Nelson CC	10	0	0	0	0	0	0	0	10	0	0
U of Richmond	584	0	0	84	0	107	0	283	0	110	0
U of Virginia	94,205	5	2,364	6,345	836	3,354	250	61,252	5,332	13,930	537
Virginia Commonwealth U	50,761	0	0	1,093	2,427	266	160	43,088	510	2,807	410
Virginia Military Inst	87	54	0	0	0	0	0	0	0	33	0
Virginia Poly Inst & St U	60,504	15,891	80	7,660	213	14,448	62	4,030	2,950	11,825	3,345
Virginia State University	4,811	4,532	0	0	0	168	17	1	71	0	22
Virginia Union University	451	0	0	0	100	0	0	351	0	0	0
Washington & Lee U	104	0	0	0	0	0	0	0	0	104	0
Wytheville CC	137	0	0	0	0	0	0	0	0	137	0
Washington, total	393,809	21,250	10,424	36,798	3,182	22,859	2,218	228,671	10,025	55,561	2,821
Bellevue CC	992	0	0	0	0	0	0	0	0	992	0
Central Washington U	411	14	0	0	0	0	0	0	206	191	0
Eastern Washington U	371	0	0	82	201	0	0	0	0	59	29
Edmonds Community College	399	0	0	0	0	0	0	0	0	399	0
Evergreen State College	436	0	0	0	11	0	0	0	0	425	0
Gonzaga University	69	1	0	0	0	0	0	64	0	4	0
Green River CC	20	0	0	0	0	0	0	0	0	20	0
Heritage College	58	0	0	0	58	0	0	0	0	0	0
John Bastyr Col Nat Med	130	0	0	0	0	0	0	130	0	0	0
Lake Washington Tech Col	1	0	0	0	0	0	0	0	0	0	1
Northwest Indian College	360	50	0	0	106	0	0	0	204	0	0
Pacific Lutheran U	127	0	0	0	0	0	0	35	0	92	0
Seattle Community College	300	0	0	0	0	0	0	0	0	300	0
Seattle Pacific U	37	0	0	0	0	0	0	37	0	0	0
Seattle University	184	0	0	95	0	0	0	0	0	89	0
University of Puget Sound	551	0	0	0	200	0	0	0	67	284	0
University of Washington	347,511	3,692	10,248	33,908	2,064	19,401	1,993	218,814	8,958	46,346	2,087
Washington State U	38,994	17,443	176	1,633	0	3,123	225	9,579	555	5,556	704
Western Washington U	2,739	50	0	1,080	542	335	0	12	35	685	0
Whitman College	119	0	0	0	0	0	0	0	0	119	0
West Virginia, total	54,226	8,139	0	7,823	855	2,076	4,794	8,016	18,119	4,304	100
College of W Virginia	103	0	0	0	0	103	0	0	0	0	0
Fairmont State College	60	0	0	0	0	0	0	0	0	60	0
Glenville State College	1	1	0	0	0	0	0	0	0	0	0
Marshall U Graduate Col	2,527	143	0	613	0	0	0	1,361	54	356	0
Salem Teikyo University	76	0	0	0	0	0	0	76	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
West Virginia, continued:											
Shepherd College	41	0	0	0	0	0	0	0	0	41	0
WV Career Col Morgantown	9	9	0	0	0	0	0	0	0	0	0
WV University (Morgantwn)	33,821	7,986	0	7,210	855	1,973	4,794	6,579	497	3,827	100
WV University Parkersburg	15	0	0	0	0	0	0	0	0	15	0
WV Wesleyan College	5	0	0	0	0	0	0	0	0	5	0
Wheeling Jesuit U	17,568	0	0	0	0	0	0	0	17,568	0	0
Wisconsin, total	297,040	19,942	6,454	14,841	7,477	18,538	1,369	162,865	12,283	50,537	2,734
Alverno College	126	0	0	0	0	0	0	126	0	0	0
Beloit College	727	0	0	0	0	0	0	0	37	690	0
Blackhawk Technical Col	14	0	0	0	0	0	0	0	0	14	0
Carroll Col (Waukesha)	31	0	0	0	0	0	0	0	0	31	0
Col of Menomenee Nation	50	50	0	0	0	0	0	0	0	0	0
Edgewood College	20	0	0	0	0	0	0	0	0	20	0
Lac Courte Ojibwa CC	50	50	0	0	0	0	0	0	0	0	0
Lawrence University	517	0	0	0	0	0	0	119	0	398	0
Madison Area Tech College	200	0	0	0	0	0	0	0	0	200	0
Marquette University	2,825	0	59	86	236	95	92	1,033	505	719	0
Medical Col of Wisconsin	39,719	126	0	2,033	483	0	0	36,259	151	194	473
Milwaukee School of Eng	375	0	0	0	0	0	0	0	0	162	213
Ripon College	22	0	0	0	0	0	0	0	0	22	0
St Norbert College	110	0	0	0	0	0	0	0	0	110	0
U of WI Colleges	2,272	5	0	0	0	2,260	0	7	0	0	0
U of WI Eau Claire	947	0	0	0	0	0	0	268	0	679	0
U of WI La Crosse	344	25	0	0	93	0	0	188	0	38	0
U of WI Madison	231,138	19,378	2,263	12,165	0	15,880	1,277	122,380	10,972	44,820	2,003
U of WI Milwaukee	5,200	0	0	239	0	303	0	2,331	558	1,724	45
U of WI Oshkosh	448	0	0	0	0	0	0	58	0	390	0
U of WI Platteville	104	84	0	0	0	0	0	0	20	0	0
U of WI River Falls	201	1	0	0	0	0	0	0	0	200	0
U of WI Stevens Point	53	3	0	29	0	0	0	0	21	0	0
U of WI Stout	2,444	0	1,200	289	955	0	0	0	0	0	0
U of WI Superior	113	0	0	0	0	0	0	0	0	113	0
U of WI System Office	8,875	220	2,932	0	5,710	0	0	0	0	13	0
U of WI Whitewater	115	0	0	0	0	0	0	96	19	0	0
Wyoming, total	17,259	4,188	40	2,435	236	341	154	908	697	7,419	841
University of Wyoming	17,259	4,188	40	2,435	236	341	154	908	697	7,419	841
Guam, total	3,696	2,289	0	200	102	0	354	553	0	158	40
University of Guam	3,696	2,289	0	200	102	0	354	553	0	158	40
Puerto Rico, total	55,739	12,351	514	3,622	1,417	999	70	23,717	3,154	9,707	188
Caribbean University	41	0	0	0	41	0	0	0	0	0	0
Inter Am U PR Ctrl Off	786	0	0	0	440	0	0	0	0	196	150
Ponce School of Medicine	2,937	0	0	0	0	0	0	2,937	0	0	0
Pont Cath U of PR, The	650	0	0	0	232	0	0	418	0	0	0
U Central Del Caribe	2,447	0	0	0	0	0	0	2,447	0	0	0
U Del Turabo	426	0	0	20	204	0	0	0	202	0	0
U Metropolitana	2,181	0	0	0	56	0	0	0	0	2,125	0
U Politecnica Puerto Rico	56	0	0	0	56	0	0	0	0	0	0
U of PR Humacao U Col	816	0	0	361	178	0	0	158	40	79	0
U of PR Mayaguez	20,121	12,351	514	1,377	0	74	70	1,057	2,037	2,603	38
U of PR Medical Sci	12,557	0	0	405	0	0	0	12,027	75	50	0
U of PR Rio Piedras	6,713	0	0	637	143	0	0	4,673	800	460	0
U of the Sacred Heart	52	0	0	0	0	0	0	0	0	52	0
University of PR System	5,956	0	0	822	67	925	0	0	0	4,142	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
American Samoa, total	1,173	1,029	0	0	94	50	0	0	0	0	0
American Samoa CC	1,173	1,029	0	0	94	50	0	0	0	0	0
Virgin Islands, total	2,005	1,951	0	0	0	0	0	0	0	34	20
U of the Virgin Islands	2,005	1,951	0	0	0	0	0	0	0	34	20
Trust Territory of the Pacific Islands, total	2,731	2,731	0	0	0	0	0	0	0	0	0
Col of Micronesia FSM	1,394	1,394	0	0	0	0	0	0	0	0	0
Northern Marianas College	1,337	1,337	0	0	0	0	0	0	0	0	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, and Transportation, the Agency for International Development, the General Services Administration, the Nuclear Regulatory Commission, the Office of Justice Programs, and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
United States, total	12,235,569	395,368	106,097	1,597,505	1,131,471	179,920	286,114	68,597	632,727	89,152	0
Alabama, total	200,324	9,539	174	17,951	13,935	1,836	2,180	1,379	4,848	592	0
Alabama A & M University	6,511	2,315	0	2,358	1,941	417	0	0	385	0	0
Alabama State University	46	10	0	0	0	0	0	0	0	0	0
Auburn University	17,794	5,342	0	3,503	1,453	0	2,050	0	1,319	0	0
Jacksonville State U	118	10	0	0	0	0	0	0	0	0	0
Miles College	64	0	0	0	0	0	0	0	0	0	0
Oakwood College	108	0	0	0	0	0	0	0	0	0	0
Selma University	138	0	0	0	0	0	0	0	0	0	0
Talladega College	366	0	0	0	0	0	0	0	0	0	0
Trenholm State Tech Col	180	0	0	0	0	0	0	0	0	0	0
Troy State U Main	18	10	0	8	8	0	0	0	0	0	0
Tuskegee University	7,272	1,852	0	2,140	2,140	0	0	0	227	0	0
U of Alabama Birmingham	134,107	0	0	4,583	4,583	0	0	1,379	2,012	205	0
U of Alabama Huntsville	19,767	0	0	4,430	3,011	1,419	0	0	80	297	0
U of Alabama Sys Off	489	0	0	399	269	0	130	0	0	90	0
U of Alabama, The	4,144	0	0	250	250	0	0	0	772	0	0
U of North Alabama	30	0	0	0	0	0	0	0	0	0	0
U of South Alabama	9,172	0	174	280	280	0	0	0	53	0	0
Alaska, total	23,984	1,821	3,078	702	702	0	0	0	98	15	0
Sheldon Jackson College	23	0	0	0	0	0	0	0	0	0	0
U of AK Anchorage All Cmp	1,942	6	117	0	0	0	0	0	0	0	0
U of AK Fairbanks All Cmp	21,122	1,376	2,961	702	702	0	0	0	98	15	0
U of AK Southeast	310	0	0	0	0	0	0	0	0	0	0
U of AK System Higher Ed	587	439	0	0	0	0	0	0	0	0	0
Arizona, total	155,644	4,707	985	21,800	21,170	527	103	893	6,562	4,368	0
Arizona State U Main	30,249	454	25	4,975	4,975	0	0	294	1,876	2,445	0
Dine College	944	0	0	150	150	0	0	0	0	0	0
Northern Arizona U	3,351	270	0	0	0	0	0	0	198	0	0
Pima County CC Dist	330	0	0	0	0	0	0	0	0	0	0
University of Arizona	120,770	3,983	960	16,675	16,045	527	103	599	4,488	1,923	0
Arkansas, total	41,605	12,097	0	6,078	3,578	2,500	0	1,375	200	75	0
Arkansas State U	75	0	0	0	0	0	0	0	0	75	0
Hendrix College	40	0	0	0	0	0	0	0	0	0	0
Lyon College	40	0	0	0	0	0	0	0	0	0	0
U of Arkansas Little Rock	6,439	1,646	0	2,470	2,470	0	0	0	200	0	0
U of Arkansas Main	13,675	7,221	0	3,027	527	2,500	0	1,375	0	0	0
U of Arkansas Med Sci	18,170	521	0	581	581	0	0	0	0	0	0
U of Arkansas Pine Bluff	2,875	2,709	0	0	0	0	0	0	0	0	0
U of Central Arkansas	291	0	0	0	0	0	0	0	0	0	0
California, total	1,720,015	18,450	15,768	228,113	205,194	17,359	5,560	9,050	86,219	9,330	0
CA Inst of Technology	112,221	5	0	26,173	24,472	1,071	630	0	9,407	0	0
CA Institute of the Arts	1,150	0	0	0	0	0	0	0	1,150	0	0
CA Schl Prof Psych Ctrl	400	0	0	0	0	0	0	400	0	0	0
CA St Poly U Pomona	789	0	0	0	0	0	0	0	0	0	0
CA St Poly U San Luis	1,237	56	0	418	418	0	0	0	0	0	0
CA St U Bakersfield	75	0	0	0	0	0	0	0	0	0	0
CA St U Chico	45	25	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
United States, total	6,794,056	1,851	43,406	19,959	9,516	5,826	673,081	1,738,144	3,785	663	55,836
Alabama, total	125,390	0	161	0	1,000	0	30,270	8,956	0	0	64
Alabama A & M University	0	0	0	0	0	0	453	1,000	0	0	0
Alabama State University	36	0	0	0	0	0	0	0	0	0	0
Auburn University	1,702	0	40	0	0	0	3,258	2,566	0	0	64
Jacksonville State U	43	0	65	0	0	0	0	0	0	0	0
Miles College	0	0	0	0	0	0	64	0	0	0	0
Oakwood College	0	0	0	0	0	0	108	0	0	0	0
Selma University	0	0	0	0	0	0	138	0	0	0	0
Talladega College	341	0	0	0	0	0	0	25	0	0	0
Trenholm State Tech Col	0	0	0	0	0	0	180	0	0	0	0
Troy State U Main	0	0	0	0	0	0	0	0	0	0	0
Tuskegee University	1,110	0	0	0	0	0	1,590	353	0	0	0
U of Alabama Birmingham	113,015	0	56	0	1,000	0	10,354	1,503	0	0	0
U of Alabama Huntsville	207	0	0	0	0	0	13,539	1,214	0	0	0
U of Alabama Sys Off	0	0	0	0	0	0	0	0	0	0	0
U of Alabama, The	1,020	0	0	0	0	0	401	1,701	0	0	0
U of North Alabama	0	0	0	0	0	0	30	0	0	0	0
U of South Alabama	7,916	0	0	0	0	0	155	594	0	0	0
Alaska, total	2,174	0	2,955	0	0	0	6,988	6,153	0	0	0
Sheldon Jackson College	23	0	0	0	0	0	0	0	0	0	0
U of AK Anchorage All Cmp	1,501	0	70	0	0	0	0	248	0	0	0
U of AK Fairbanks All Cmp	502	0	2,825	0	0	0	6,988	5,655	0	0	0
U of AK Southeast	0	0	60	0	0	0	0	250	0	0	0
U of AK System Higher Ed	148	0	0	0	0	0	0	0	0	0	0
Arizona, total	59,806	0	1,463	260	150	0	24,157	30,126	317	0	50
Arizona State U Main	8,479	0	17	0	150	0	2,564	8,920	0	0	50
Dine College	188	0	0	0	0	0	365	241	0	0	0
Northern Arizona U	215	0	280	0	0	0	488	1,900	0	0	0
Pima County CC Dist	0	0	0	0	0	0	0	330	0	0	0
University of Arizona	50,924	0	1,166	260	0	0	20,740	18,735	317	0	0
Arkansas, total	18,794	0	215	0	0	0	339	1,552	0	0	880
Arkansas State U	0	0	0	0	0	0	0	0	0	0	0
Hendrix College	0	0	0	0	0	0	15	25	0	0	0
Lyon College	0	0	0	0	0	0	0	40	0	0	0
U of Arkansas Little Rock	961	0	27	0	0	0	100	155	0	0	880
U of Arkansas Main	521	0	188	0	0	0	224	1,119	0	0	0
U of Arkansas Med Sci	17,068	0	0	0	0	0	0	0	0	0	0
U of Arkansas Pine Bluff	166	0	0	0	0	0	0	0	0	0	0
U of Central Arkansas	78	0	0	0	0	0	0	213	0	0	0
California, total	929,124	65	9,283	2,036	1,179	0	162,390	244,521	793	0	3,694
CA Inst of Technology	21,768	0	1,147	0	0	0	24,436	29,069	98	0	118
CA Institute of the Arts	0	0	0	0	0	0	0	0	0	0	0
CA Schl Prof Psych Ctrl	0	0	0	0	0	0	0	0	0	0	0
CA St Poly U Pomona	0	0	0	0	0	0	0	789	0	0	0
CA St Poly U San Luis	0	0	0	0	0	0	197	566	0	0	0
CA St U Bakersfield	0	0	0	0	0	0	16	59	0	0	0
CA St U Chico	0	0	0	0	0	0	0	20	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
California, continued:											
CA St U Dominguez Hills	278	0	0	0	0	0	0	0	0	0	0
CA St U Fresno	384	8	0	0	0	0	0	0	0	0	0
CA St U Fullerton	706	14	0	0	0	0	0	0	71	0	0
CA St U Hayward	358	6	0	18	18	0	0	0	0	0	0
CA St U Long Beach	2,939	0	0	117	117	0	0	0	0	0	0
CA St U Los Angeles	1,181	0	0	141	141	0	0	0	117	0	0
CA St U Northridge	414	0	0	97	97	0	0	170	74	0	0
CA St U Sacramento	608	0	0	0	0	0	0	0	0	365	0
CA St U San Bernardino	49	6	0	0	0	0	0	0	0	0	0
CA St U San Marcos	65	0	0	0	0	0	0	0	0	0	0
CA St U Stanislaus	18	0	0	0	0	0	0	0	0	0	0
CA St U System Office	286	35	0	0	0	0	0	248	0	0	0
Charles Drew U Med & Sci	5,394	0	0	0	0	0	0	0	0	0	0
Claremont Graduate U	125	0	0	0	0	0	0	0	0	0	0
Claremont McKenna College	55	0	0	0	0	0	0	0	0	0	0
Claremont U Ctr Sys Off	32	32	0	0	0	0	0	0	0	0	0
College of San Mateo	74	0	0	0	0	0	0	0	0	0	0
College of the Desert	300	0	0	0	0	0	0	0	0	0	0
College of the Redwoods	20	0	0	0	0	0	0	0	0	0	0
Contra Costa College	1,260	0	0	1,260	1,260	0	0	0	0	0	0
Cypress College	11	0	0	0	0	0	0	0	0	0	0
East Los Angeles College	30	0	0	0	0	0	0	0	0	0	0
Fuller Theo Sem in CA	80	0	0	0	0	0	0	0	0	0	0
Harvey Mudd College	950	0	0	0	0	0	0	0	0	0	0
Humboldt State University	925	218	0	50	50	0	0	0	600	0	0
LA Col of Chiropractic	402	0	0	0	0	0	0	0	0	0	0
LA Harbor College	206	0	0	0	0	0	0	0	0	0	0
Loma Linda University	8,329	0	0	1,717	1,717	0	0	0	0	205	0
Mills College	981	0	0	0	0	0	0	0	0	0	0
Monterey Inst Intl Stud	375	0	0	375	0	0	375	0	0	0	0
Monterey Peninsula Col	75	0	0	0	0	0	0	0	0	0	0
Natl Hispanic U(Oakland)	150	0	0	150	150	0	0	0	0	0	0
Natl Physical Sci Cnstrm	121	0	0	0	0	0	0	0	0	0	0
Occidental College	321	0	0	59	59	0	0	0	0	0	0
Pitzer College	213	0	0	0	0	0	0	0	0	0	0
Point Loma Nazarene Col	57	0	0	0	0	0	0	0	0	0	0
Pomona College	418	10	0	0	0	0	0	0	0	0	0
San Diego CC Dist Off	387	0	0	0	0	0	0	0	387	0	0
San Diego State U	21,816	0	0	5,542	5,542	0	0	0	0	0	0
San Fran State University	10,097	0	0	124	124	0	0	178	23	150	0
San Jose State University	11,174	0	896	270	270	0	0	0	130	0	0
Santa Clara University	857	0	0	0	0	0	0	0	0	0	0
Scripps Rsch Inst, The	2,808	0	0	0	0	0	0	0	325	0	0
Sonoma State University	39	0	0	0	0	0	0	0	0	0	0
Southern CA College	786	0	0	0	0	0	0	0	0	786	0
St Mary's College of CA	24	0	0	0	0	0	0	0	0	0	0
Stanford University	294,859	15	835	35,623	34,891	676	56	86	8,046	1,742	0
U of CA Berkeley	138,999	8,531	963	15,177	13,398	1,779	0	426	6,776	295	0
U of CA Davis	95,968	5,976	0	4,375	4,060	315	0	650	13,553	2,711	0
U of CA Irvine	66,462	642	55	5,221	5,121	0	100	0	4,757	367	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
California, continued:											
CA St U Dominguez Hills	0	0	0	0	0	0	0	278	0	0	0
CA St U Fresno	93	0	0	0	0	0	5	278	0	0	0
CA St U Fullerton	97	0	0	0	19	0	60	445	0	0	0
CA St U Hayward	102	0	0	0	0	0	35	197	0	0	0
CA St U Long Beach	1,487	0	0	0	0	0	153	1,182	0	0	0
CA St U Los Angeles	718	0	0	0	0	0	110	95	0	0	0
CA St U Northridge	0	0	0	0	0	0	73	0	0	0	0
CA St U Sacramento	0	0	45	0	0	0	0	198	0	0	0
CA St U San Bernardino	0	0	0	0	0	0	0	43	0	0	0
CA St U San Marcos	65	0	0	0	0	0	0	0	0	0	0
CA St U Stanislaus	0	0	0	0	0	0	0	18	0	0	0
CA St U System Office	0	0	3	0	0	0	0	0	0	0	0
Charles Drew U Med & Sci	5,394	0	0	0	0	0	0	0	0	0	0
Claremont Graduate U	125	0	0	0	0	0	0	0	0	0	0
Claremont McKenna College	0	0	0	0	0	0	55	0	0	0	0
Claremont U Ctr Sys Off	0	0	0	0	0	0	0	0	0	0	0
College of San Mateo	0	0	0	0	0	0	74	0	0	0	0
College of the Desert	0	0	0	0	0	0	0	300	0	0	0
College of the Redwoods	0	0	0	0	0	0	0	20	0	0	0
Contra Costa College	0	0	0	0	0	0	0	0	0	0	0
Cypress College	0	0	0	0	0	0	11	0	0	0	0
East Los Angeles College	30	0	0	0	0	0	0	0	0	0	0
Fuller Theo Sem in CA	80	0	0	0	0	0	0	0	0	0	0
Harvey Mudd College	0	0	0	0	0	0	30	920	0	0	0
Humboldt State University	0	0	0	0	0	0	0	57	0	0	0
LA Col of Chiropractic	402	0	0	0	0	0	0	0	0	0	0
LA Harbor College	206	0	0	0	0	0	0	0	0	0	0
Loma Linda University	2,889	0	0	0	0	0	3,500	18	0	0	0
Mills College	0	0	0	0	0	0	0	981	0	0	0
Monterey Inst Intl Stud	0	0	0	0	0	0	0	0	0	0	0
Monterey Peninsula Col	0	0	0	0	0	0	0	75	0	0	0
Natl Hispanic U(Oakland)	0	0	0	0	0	0	0	0	0	0	0
Natl Physical Sci Cnstrm	0	0	0	0	0	0	121	0	0	0	0
Occidental College	67	0	0	0	0	0	0	195	0	0	0
Pitzer College	213	0	0	0	0	0	0	0	0	0	0
Point Loma Nazarene Col	0	0	0	0	0	0	0	57	0	0	0
Pomona College	333	0	0	0	0	0	0	75	0	0	0
San Diego CC Dist Off	0	0	0	0	0	0	0	0	0	0	0
San Diego State U	9,777	0	9	0	0	0	239	6,249	0	0	0
San Fran State University	2,392	35	45	0	0	0	467	6,683	0	0	0
San Jose State University	375	0	256	0	0	0	3,796	5,201	0	0	250
Santa Clara University	0	0	0	0	0	0	178	679	0	0	0
Scripps Rsch Inst, The	0	0	0	0	0	0	560	1,923	0	0	0
Sonoma State University	0	0	0	0	0	0	39	0	0	0	0
Southern CA College	0	0	0	0	0	0	0	0	0	0	0
St Mary's College of CA	0	0	0	0	0	0	0	24	0	0	0
Stanford University	140,951	0	608	0	0	0	71,692	33,158	0	0	2,103
U of CA Berkeley	57,474	0	1,860	0	84	0	19,063	27,309	0	0	1,041
U of CA Davis	54,475	0	255	2,036	0	0	2,201	9,736	0	0	0
U of CA Irvine	41,021	0	0	0	226	0	2,696	11,477	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
California, continued:											
U of CA Los Angeles	208,356	306	992	16,871	16,325	546	0	1,904	15,849	112	0
U of CA Office of Pres	6,236	0	124	4,003	4,003	0	0	0	0	109	0
U of CA Riverside	20,272	1,807	0	858	685	173	0	0	2,114	828	0
U of CA San Diego	226,260	284	11,453	30,088	25,980	3,128	980	0	13,575	355	0
U of CA San Francisco	219,100	196	0	9,142	5,725	3,417	0	567	2,038	127	0
U of CA Santa Barbara	59,855	181	232	16,370	16,280	90	0	0	4,080	1,010	0
U of CA Santa Cruz	26,685	97	0	5,386	5,386	0	0	4,297	2,006	168	0
U of San Diego	20	0	0	0	0	0	0	0	0	0	0
U of San Francisco	411	0	0	0	0	0	0	124	0	0	0
U of Southern California	164,049	0	218	48,488	38,905	6,164	3,419	0	1,141	0	0
U of the Pacific	267	0	0	0	0	0	0	0	0	0	0
Westmont College	119	0	0	0	0	0	0	0	0	0	0
Whittier College	2	0	0	0	0	0	0	0	0	0	0
Colorado, total	234,102	7,637	6,603	17,797	15,590	2,207	0	1,506	8,448	2,181	0
Colorado Christian U	10	0	0	0	0	0	0	0	0	0	0
Colorado College	627	0	0	0	0	0	0	0	0	0	0
Colorado School of Mines	5,038	159	31	1,167	1,167	0	0	0	821	62	0
Colorado State University	51,266	7,293	1,000	3,826	3,826	0	0	0	3,117	1,147	0
Metro State Col of Denver	746	0	0	0	0	0	0	657	0	0	0
Regis University	18	0	0	0	0	0	0	0	0	0	0
U of Colorado	168,953	185	5,527	12,656	10,449	2,207	0	583	4,405	723	0
U of Denver	6,980	0	45	148	148	0	0	0	105	249	0
U of Northern Colorado	379	0	0	0	0	0	0	266	0	0	0
U of Southern Colorado	85	0	0	0	0	0	0	0	0	0	0
Connecticut, total	246,182	3,276	2,324	14,054	10,326	3,728	0	241	10,302	139	0
Capital Cmty Tech Col	260	0	0	0	0	0	0	0	0	0	0
Central Connecticut St U	102	0	0	0	0	0	0	0	0	0	0
Connecticut College	192	0	0	75	75	0	0	0	0	0	0
Fairfield University	80	0	0	0	0	0	0	0	80	0	0
Southern Connecticut St U	51	0	0	0	0	0	0	0	0	0	0
Trinity Col (Hartford)	459	0	196	0	0	0	0	0	0	0	0
U of Connecticut	43,725	2,765	2,027	2,759	2,247	512	0	241	520	20	0
U of Hartford	180	0	0	0	0	0	0	0	0	0	0
U of New Haven	169	0	0	0	0	0	0	0	0	0	0
Wesleyan University	3,582	0	0	125	125	0	0	0	0	119	0
Western Connecticut St U	175	0	0	0	0	0	0	0	0	0	0
Yale University	197,207	511	101	11,095	7,879	3,216	0	0	9,702	0	0
Delaware, total	32,940	2,797	1,339	7,395	7,395	0	0	1,852	1,768	1,422	0
Delaware State University	1,166	836	62	0	0	0	0	0	0	0	0
U of Delaware	31,774	1,961	1,277	7,395	7,395	0	0	1,852	1,768	1,422	0
District of Columbia, total	142,130	710	1,229	35,718	14,109	14,495	7,114	500	4,386	754	0
American University	1,522	15	45	26	26	0	0	0	123	200	0
Catholic U of America	3,712	65	530	409	374	35	0	0	54	0	0
Cnsrtm Ocean Rsch & Ed	649	0	0	81	81	0	0	0	50	0	0
Gallaudet University	1,082	0	0	0	0	0	0	500	0	0	0
George Washington U	30,473	3	252	2,263	2,216	0	47	0	829	274	0
Georgetown University	73,604	0	258	22,973	6,575	14,408	1,990	0	333	0	0
Howard University	29,207	61	144	9,657	4,528	52	5,077	0	2,997	205	0
Sci & Eng Alliance, Inc	75	0	0	0	0	0	0	0	0	75	0
University of DC	1,806	566	0	309	309	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
California, continued:											
U of CA Los Angeles	148,460	0	0	0	100	0	9,038	14,717	7	0	0
U of CA Office of Pres	0	0	0	0	0	0	0	2,000	0	0	0
U of CA Riverside	5,575	15	0	0	500	0	3,554	5,021	0	0	0
U of CA San Diego	126,867	0	1,267	0	0	0	10,858	31,513	0	0	0
U of CA San Francisco	204,881	0	0	0	0	0	1,275	874	0	0	0
U of CA Santa Barbara	6,524	0	2,008	0	0	0	3,939	24,823	688	0	0
U of CA Santa Cruz	5,769	0	80	0	0	0	1,376	7,506	0	0	0
U of San Diego	0	0	0	0	0	0	20	0	0	0	0
U of San Francisco	0	0	0	0	0	0	200	87	0	0	0
U of Southern California	90,214	15	1,700	0	250	0	2,323	19,518	0	0	182
U of the Pacific	233	0	0	0	0	0	0	34	0	0	0
Westmont College	67	0	0	0	0	0	0	52	0	0	0
Whittier College	0	0	0	0	0	0	0	2	0	0	0
Colorado, total	123,150	0	3,536	0	1,111	0	19,777	41,751	50	0	555
Colorado Christian U	0	0	0	0	0	0	0	10	0	0	0
Colorado College	0	0	0	0	0	0	0	627	0	0	0
Colorado School of Mines	289	0	96	0	0	0	941	1,472	0	0	0
Colorado State University	18,463	0	2,867	0	0	0	2,275	11,118	50	0	110
Metro State Col of Denver	0	0	0	0	0	0	0	89	0	0	0
Regis University	0	0	0	0	0	0	0	18	0	0	0
U of Colorado	101,917	0	573	0	120	0	15,068	26,751	0	0	445
U of Denver	2,396	0	0	0	991	0	1,493	1,553	0	0	0
U of Northern Colorado	0	0	0	0	0	0	0	113	0	0	0
U of Southern Colorado	85	0	0	0	0	0	0	0	0	0	0
Connecticut, total	195,572	657	117	0	0	0	1,357	18,143	0	0	0
Capital Cmty Tech Col	0	0	0	0	0	0	0	260	0	0	0
Central Connecticut St U	16	0	0	0	0	0	0	86	0	0	0
Connecticut College	0	0	0	0	0	0	0	117	0	0	0
Fairfield University	0	0	0	0	0	0	0	0	0	0	0
Southern Connecticut St U	51	0	0	0	0	0	0	0	0	0	0
Trinity Col (Hartford)	109	0	0	0	0	0	0	154	0	0	0
U of Connecticut	30,341	0	101	0	0	0	373	4,578	0	0	0
U of Hartford	0	0	0	0	0	0	0	180	0	0	0
U of New Haven	0	0	0	0	0	0	0	169	0	0	0
Wesleyan University	2,083	0	16	0	0	0	43	1,196	0	0	0
Western Connecticut St U	0	0	0	0	0	0	0	175	0	0	0
Yale University	162,972	657	0	0	0	0	941	11,228	0	0	0
Delaware, total	5,006	0	228	0	0	0	1,174	9,859	0	0	100
Delaware State University	268	0	0	0	0	0	0	0	0	0	0
U of Delaware	4,738	0	228	0	0	0	1,174	9,859	0	0	100
District of Columbia, total	74,991	250	20	0	50	0	7,051	10,663	0	0	5,808
American University	214	0	0	0	0	0	90	809	0	0	0
Catholic U of America	1,230	0	0	0	0	0	886	538	0	0	0
Cnsrtm Ocean Rsch & Ed	0	0	0	0	0	0	0	518	0	0	0
Gallaudet University	0	0	0	0	0	0	0	582	0	0	0
George Washington U	23,021	0	0	0	50	0	2,475	956	0	0	350
Georgetown University	43,227	0	0	0	0	0	242	1,113	0	0	5,458
Howard University	7,270	250	0	0	0	0	2,769	5,854	0	0	0
Sci & Eng Alliance, Inc	0	0	0	0	0	0	0	0	0	0	0
University of DC	29	0	20	0	0	0	589	293	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
Florida, total	267,913	10,203	4,215	38,462	36,335	1,724	403	1,014	14,011	1,914	0
Bethune Cookman College	2	0	0	0	0	0	0	0	0	0	0
Brevard Community College	33	0	0	0	0	0	0	0	0	0	0
Broward Community College	250	0	0	0	0	0	0	0	0	0	0
Eckerd College	65	0	0	0	0	0	0	0	0	0	0
Edward Waters College	100	0	0	0	0	0	0	0	0	0	0
Embry Riddle Aeronautcl U	603	0	0	0	0	0	0	0	0	0	0
Florida A&M University	11,339	1,755	0	2,485	2,485	0	0	0	570	0	0
Florida Atlantic U	6,761	0	0	3,665	3,665	0	0	0	0	0	0
Florida CC Jacksonville	50	0	0	0	0	0	0	0	0	0	0
Florida Inst of Tech	1,295	0	0	511	401	110	0	0	0	46	0
Florida International U	8,292	0	60	2,749	2,599	100	50	0	2,256	0	0
Florida State University	45,296	0	1,400	1,711	1,531	120	60	139	7,515	54	0
Indian River CC	364	0	0	0	0	0	0	0	0	0	0
Miami-Dade CC	222	0	0	0	0	0	0	0	0	0	0
Nova Southeastern U	727	0	0	51	51	0	0	0	0	0	0
Rollins College	55	0	0	0	0	0	0	0	55	0	0
Santa Fe CC (Gainesville)	27	0	0	0	0	0	0	0	0	0	0
State U System FL Sys Off	1,174	0	1,174	0	0	0	0	0	0	0	0
University of Central FL	10,924	0	25	7,268	7,179	89	0	0	206	375	0
University of Florida	81,495	8,326	190	10,345	9,319	733	293	0	2,862	151	0
University of Miami	76,826	17	1,069	5,323	5,323	0	0	0	350	598	0
University of North FL	460	0	0	0	0	0	0	0	0	0	0
University of South FL	20,136	105	297	3,579	3,579	0	0	875	197	432	0
University of Tampa	96	0	0	96	96	0	0	0	0	0	0
University of West FL	1,221	0	0	679	107	572	0	0	0	258	0
Valencia CC	100	0	0	0	0	0	0	0	0	0	0
Georgia, total	255,638	11,311	782	60,845	38,305	14,509	8,031	455	12,666	3,261	0
Agnes Scott College	94	0	0	0	0	0	0	0	0	0	0
Atlanta Metropolitan Col	52	0	0	0	0	0	0	0	0	0	0
Clark Atlanta University	11,759	71	0	4,360	3,694	666	0	0	940	108	0
Emory University	80,249	0	0	727	727	0	0	203	704	0	0
Fort Valley State U	2,582	1,978	0	0	0	0	0	0	423	0	0
Georgia Inst of Tech	67,890	0	0	41,172	22,720	11,301	7,151	0	1,985	2,212	0
Georgia Southern U	372	0	0	0	0	0	0	0	0	0	0
Georgia State University	7,312	0	0	151	151	0	0	0	65	0	0
Griffin Technical Inst	25	0	25	0	0	0	0	0	0	0	0
Inst Paper Sci & Tech	5,020	128	0	0	0	0	0	0	4,892	0	0
Kennesaw State University	513	0	0	137	0	0	137	0	0	0	0
Medical Col of Georgia	12,446	0	0	1,292	1,292	0	0	0	0	0	0
Mercer U	3,693	3	0	3,160	0	2,500	660	0	0	0	0
Morehouse College	7,555	0	0	7,128	7,128	0	0	0	5	0	0
Morehouse College of Med	10,824	0	0	583	583	0	0	0	0	0	0
Morris Brown College	1,430	0	0	958	875	0	83	0	0	0	0
North GA Col & State U	28	0	0	0	0	0	0	0	28	0	0
Paine College	27	0	0	0	0	0	0	0	0	0	0
SECME, Inc	25	0	0	0	0	0	0	0	25	0	0
Savannah State University	454	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Florida, total	117,948	0	2,983	0	0	3	18,911	57,006	0	0	1,243
Bethune Cookman College	0	0	0	0	0	0	2	0	0	0	0
Brevard Community College	0	0	0	0	0	0	0	33	0	0	0
Broward Community College	0	0	0	0	0	0	0	250	0	0	0
Eckerd College	0	0	0	0	0	0	32	33	0	0	0
Edward Waters College	0	0	0	0	0	0	100	0	0	0	0
Embry Riddle Aeronautcl U	0	0	0	0	0	0	45	343	0	0	215
Florida A&M University	2,268	0	0	0	0	0	2,398	1,863	0	0	0
Florida Atlantic U	912	0	60	0	0	0	1,016	1,108	0	0	0
Florida CC Jacksonville	0	0	0	0	0	0	0	50	0	0	0
Florida Inst of Tech	150	0	25	0	0	0	370	193	0	0	0
Florida International U	217	0	46	0	0	0	1,865	1,099	0	0	0
Florida State University	5,734	0	905	0	0	0	1,973	25,865	0	0	0
Indian River CC	0	0	0	0	0	0	0	364	0	0	0
Miami-Dade CC	0	0	0	0	0	0	0	222	0	0	0
Nova Southeastern U	295	0	0	0	0	0	0	381	0	0	0
Rollins College	0	0	0	0	0	0	0	0	0	0	0
Santa Fe CC (Gainesville)	0	0	0	0	0	0	0	27	0	0	0
State U System FL Sys Off	0	0	0	0	0	0	0	0	0	0	0
University of Central FL	92	0	0	0	0	0	971	1,987	0	0	0
University of Florida	43,329	0	90	0	0	0	4,453	11,749	0	0	0
University of Miami	56,372	0	498	0	0	0	3,838	8,761	0	0	0
University of North FL	460	0	0	0	0	0	0	0	0	0	0
University of South FL	8,119	0	1,295	0	0	3	1,813	2,393	0	0	1,028
University of Tampa	0	0	0	0	0	0	0	0	0	0	0
University of West FL	0	0	64	0	0	0	35	185	0	0	0
Valencia CC	0	0	0	0	0	0	0	100	0	0	0
Georgia, total	119,493	15	428	3,395	36	44	12,197	30,139	0	0	571
Agnes Scott College	0	0	0	0	0	0	0	94	0	0	0
Atlanta Metropolitan Col	0	0	0	0	0	0	0	52	0	0	0
Clark Atlanta University	1,685	0	0	0	0	0	3,058	1,537	0	0	0
Emory University	75,970	0	0	152	0	0	0	2,493	0	0	0
Fort Valley State U	0	0	56	0	0	0	0	125	0	0	0
Georgia Inst of Tech	1,644	0	20	0	0	0	6,110	14,177	0	0	570
Georgia Southern U	254	0	0	0	0	0	63	55	0	0	0
Georgia State University	5,435	0	0	0	36	0	531	1,094	0	0	0
Griffin Technical Inst	0	0	0	0	0	0	0	0	0	0	0
Inst Paper Sci & Tech	0	0	0	0	0	0	0	0	0	0	0
Kennesaw State University	159	0	0	0	0	44	12	161	0	0	0
Medical Col of Georgia	11,154	0	0	0	0	0	0	0	0	0	0
Mercer U	530	0	0	0	0	0	0	0	0	0	0
Morehouse College	256	0	0	0	0	0	0	166	0	0	0
Morehouse College of Med	8,333	0	0	0	0	0	1,908	0	0	0	0
Morris Brown College	279	0	0	0	0	0	192	0	0	0	1
North GA Col & State U	0	0	0	0	0	0	0	0	0	0	0
Paine College	27	0	0	0	0	0	0	0	0	0	0
SECME, Inc	0	0	0	0	0	0	0	0	0	0	0
Savannah State University	146	0	0	0	0	0	267	41	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
Georgia, continued:											
Spelman College	1,253	0	0	0	0	0	0	0	242	0	0
State U of West Georgia	48	0	0	0	0	0	0	0	0	0	0
University Sys of Georgia	213	0	205	0	0	0	0	0	8	0	0
University of Georgia	41,623	9,131	552	1,177	1,135	42	0	252	3,349	941	0
Valdosta State University	21	0	0	0	0	0	0	0	0	0	0
Wesleyan College (Macon)	130	0	0	0	0	0	0	0	0	0	0
Hawaii, total	57,299	9,795	3,581	2,781	2,731	0	50	146	2,760	140	0
U of Hawaii Hilo	6,874	6,218	0	0	0	0	0	0	656	0	0
U of Hawaii Manoa	44,584	3,462	838	2,781	2,731	0	50	146	175	0	0
U of Hawaii System Office	5,841	115	2,743	0	0	0	0	0	1,929	140	0
Idaho, total	12,560	4,057	89	1,544	1,544	0	0	0	1,298	266	0
Boise State University	1,530	0	0	509	509	0	0	0	0	0	0
Idaho State University	514	0	89	0	0	0	0	0	0	0	0
Northwest Nazarene Col	95	0	0	0	0	0	0	0	0	0	0
University of Idaho	10,421	4,057	0	1,035	1,035	0	0	0	1,298	266	0
Illinois, total	452,314	9,452	871	51,458	49,128	1,632	698	4,806	23,397	810	0
Augustana Col (Rock Isld)	185	0	0	0	0	0	0	0	0	0	0
Bradley University	145	0	0	0	0	0	0	0	0	0	0
Chicago State University	1,433	0	0	200	200	0	0	0	0	0	0
City Col Chicago	150	0	0	0	0	0	0	0	0	0	0
De Paul University	1,531	0	0	11	11	0	0	0	0	0	0
Finch U Hlth Sci/Chic Med	5,398	0	0	53	53	0	0	0	0	0	0
Illinois Inst of Tech	5,627	0	0	2,981	2,981	0	0	0	633	0	0
Illinois State University	1,937	0	0	285	0	0	285	85	47	0	0
Illinois Wesleyan U	4	0	0	0	0	0	0	0	0	0	0
Joliet Junior College	172	0	0	0	0	0	0	0	0	0	0
Knox College	43	0	0	0	0	0	0	0	0	0	0
Lake Forest College	123	0	0	0	0	0	0	0	0	0	0
Loyola U of Chicago	13,767	0	0	178	178	0	0	0	0	0	0
Metropolitan CC	70	70	0	0	0	0	0	0	0	0	0
Midwestern University	540	0	0	0	0	0	0	0	0	0	0
Millikin University	100	0	0	0	0	0	0	0	0	0	0
Naes College	153	0	153	0	0	0	0	0	0	0	0
National Col Chiropractic	118	0	0	0	0	0	0	0	0	0	0
Northeastern Illinois U	34	0	0	0	0	0	0	0	0	0	0
Northern Illinois U	2,498	145	0	212	212	0	0	0	0	0	0
Northwestern University	109,279	0	32	15,640	14,927	588	125	1,226	3,993	150	0
Oakton Community College	200	0	0	0	0	0	0	0	0	0	0
Olivet Nazarene U	100	0	0	0	0	0	0	0	0	0	0
Rush University	669	0	0	0	0	0	0	0	0	0	0
Sherwood Cnsrvtry Music	156	0	156	0	0	0	0	0	0	0	0
Southern IL U	112	15	0	0	0	0	0	0	97	0	0
Southern IL U Carbondale	6,275	711	0	48	48	0	0	0	513	0	0
Southern IL U Edwardsvlle	219	0	0	0	0	0	0	0	0	0	0
St Augustine CC	2	0	0	0	0	0	0	0	0	0	0
U of IL Central Office	9,785	159	50	0	0	0	0	0	9,486	90	0
U of IL Chicago	55,833	0	50	3,566	2,909	657	0	2,444	1,069	0	0
U of IL Urbana-Champaign	116,740	8,352	273	23,137	22,462	387	288	158	2,759	570	0
University of Chicago	118,110	0	157	5,147	5,147	0	0	107	4,800	0	0
Western Illinois U	806	0	0	0	0	0	0	786	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Georgia, continued:											
Spelman College	1,011	0	0	0	0	0	0	0	0	0	0
State U of West Georgia	0	0	0	0	0	0	0	48	0	0	0
University Sys of Georgia	0	0	0	0	0	0	0	0	0	0	0
University of Georgia	12,480	15	352	3,243	0	0	35	10,096	0	0	0
Valdosta State University	0	0	0	0	0	0	21	0	0	0	0
Wesleyan College (Macon)	130	0	0	0	0	0	0	0	0	0	0
Hawaii, total	15,479	0	1,195	0	0	0	4,767	16,565	0	0	90
U of Hawaii Hilo	0	0	0	0	0	0	0	0	0	0	0
U of Hawaii Manoa	15,479	0	786	0	0	0	4,352	16,565	0	0	0
U of Hawaii System Office	0	0	409	0	0	0	415	0	0	0	90
Idaho, total	1,316	0	789	0	0	3	85	3,113	0	0	0
Boise State University	0	0	676	0	0	0	37	308	0	0	0
Idaho State University	186	0	10	0	0	3	0	226	0	0	0
Northwest Nazarene Col	95	0	0	0	0	0	0	0	0	0	0
University of Idaho	1,035	0	103	0	0	0	48	2,579	0	0	0
Illinois, total	241,681	173	184	150	350	12	10,579	106,200	0	0	2,191
Augustana Col (Rock Isld)	0	0	0	0	0	0	0	185	0	0	0
Bradley University	0	0	0	0	0	0	0	145	0	0	0
Chicago State University	0	0	0	0	0	0	0	1,233	0	0	0
City Col Chicago	0	0	0	0	0	0	0	150	0	0	0
De Paul University	1,306	0	0	0	0	0	0	214	0	0	0
Finch U Hlth Sci/Chic Med	5,156	0	0	0	0	0	0	189	0	0	0
Illinois Inst of Tech	1,355	0	0	0	0	0	0	658	0	0	0
Illinois State University	207	0	0	0	0	0	0	1,313	0	0	0
Illinois Wesleyan U	0	0	0	0	0	0	4	0	0	0	0
Joliet Junior College	0	0	0	0	0	0	0	172	0	0	0
Knox College	0	0	0	0	0	0	0	43	0	0	0
Lake Forest College	0	0	0	0	0	0	0	123	0	0	0
Loyola U of Chicago	12,799	15	0	150	0	0	0	625	0	0	0
Metropolitan CC	0	0	0	0	0	0	0	0	0	0	0
Midwestern University	540	0	0	0	0	0	0	0	0	0	0
Millikin University	0	0	0	0	0	0	0	100	0	0	0
Naes College	0	0	0	0	0	0	0	0	0	0	0
National Col Chiropractic	118	0	0	0	0	0	0	0	0	0	0
Northeastern Illinois U	34	0	0	0	0	0	0	0	0	0	0
Northern Illinois U	1,003	0	0	0	0	0	0	1,138	0	0	0
Northwestern University	64,927	0	0	0	0	0	1,628	19,867	0	0	1,816
Oakton Community College	0	0	0	0	0	0	0	200	0	0	0
Olivet Nazarene U	100	0	0	0	0	0	0	0	0	0	0
Rush University	669	0	0	0	0	0	0	0	0	0	0
Sherwood Cnsrvtry Music	0	0	0	0	0	0	0	0	0	0	0
Southern IL U	0	0	0	0	0	0	0	0	0	0	0
Southern IL U Carbondale	3,539	0	0	0	0	0	63	1,401	0	0	0
Southern IL U Edwardsvlle	0	0	0	0	0	0	0	219	0	0	0
St Augustine CC	0	0	0	0	0	2	0	0	0	0	0
U of IL Central Office	0	0	0	0	0	0	0	0	0	0	0
U of IL Chicago	41,177	15	0	0	0	10	371	7,131	0	0	0
U of IL Urbana-Champaign	27,701	143	184	0	0	0	4,263	48,825	0	0	375
University of Chicago	81,050	0	0	0	350	0	4,250	22,249	0	0	0
Western Illinois U	0	0	0	0	0	0	0	20	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
Indiana, total	180,173	11,116	660	15,424	14,575	849	0	303	17,484	1,324	0
Ball State University	494	0	0	66	66	0	0	0	0	0	0
Butler University	56	0	0	0	0	0	0	0	0	0	0
De Pauw University	90	0	0	0	0	0	0	0	0	0	0
Indiana State U All Camp	297	0	0	0	0	0	0	0	0	0	0
Indiana U	90,158	72	0	2,022	2,022	0	0	279	3,607	1,042	0
Manchester College	16	0	0	0	0	0	0	0	0	0	0
Purdue University	70,557	11,044	590	10,971	10,122	849	0	0	8,527	282	0
Rose-Hulman Inst of Tech	280	0	0	0	0	0	0	0	0	0	0
St Mary of the Woods Col	87	0	0	0	0	0	0	0	0	0	0
Taylor University	39	0	0	0	0	0	0	0	0	0	0
University of Evansville	2	0	0	0	0	0	0	0	0	0	0
University of Notre Dame	17,906	0	70	2,365	2,365	0	0	24	5,192	0	0
Valparaiso University	191	0	0	0	0	0	0	0	158	0	0
Iowa, total	138,843	14,010	1,392	4,920	2,946	585	1,389	124	6,249	4,028	0
Coe College	180	0	0	0	0	0	0	0	0	0	0
Dordt College	45	0	0	0	0	0	0	0	0	0	0
Drake University	221	0	0	0	0	0	0	124	0	0	0
Grinnell College	224	0	0	0	0	0	0	0	0	0	0
Indian Hills CC	1	0	0	0	0	0	0	0	0	0	0
Iowa State University	42,854	13,747	1,322	1,354	1,354	0	0	0	4,966	3,628	0
Kirkwood CC	275	0	0	0	0	0	0	0	0	0	0
Loras College	62	0	0	0	0	0	0	0	0	0	0
Maharishi U of Mgmt	404	0	0	0	0	0	0	0	0	0	0
University of Iowa	93,542	263	70	3,066	1,592	585	889	0	1,283	400	0
University of N Iowa	1,035	0	0	500	0	0	500	0	0	0	0
Kansas, total	64,492	5,994	0	3,272	3,172	0	100	1,375	5,777	1,485	0
Garden City CC	25	0	0	0	0	0	0	0	0	0	0
Haskell Indian Nations U	575	0	0	0	0	0	0	0	0	75	0
Kansas Newman College	94	0	0	0	0	0	0	0	0	0	0
Kansas State University	18,237	5,883	0	1,429	1,429	0	0	0	3,090	1,410	0
Pittsburg St U (Pittsbrg)	65	0	0	0	0	0	0	0	0	0	0
University of Kansas	43,347	111	0	1,443	1,343	0	100	1,375	2,578	0	0
Wichita State University	2,149	0	0	400	400	0	0	0	109	0	0
Kentucky, total	69,256	8,802	54	3,476	3,413	63	0	299	5,488	381	0
Eastern Kentucky U	10	0	0	0	0	0	0	0	0	0	0
Kentucky State University	2,680	2,680	0	0	0	0	0	0	0	0	0
Morehead State University	20	0	0	0	0	0	0	0	0	0	0
Murray State University	185	69	0	0	0	0	0	0	0	0	0
Northern Kentucky U	216	0	0	0	0	0	0	0	0	0	0
Transylvania University	12	0	0	0	0	0	0	0	0	0	0
U of Kentucky All Cmp	55,713	6,053	0	1,913	1,850	63	0	299	5,305	123	0
U of Louisville	9,460	0	54	1,264	1,264	0	0	0	183	258	0
Western Kentucky U	960	0	0	299	299	0	0	0	0	0	0
Louisiana, total	121,057	8,311	1,206	25,959	24,133	1,741	85	0	14,209	1,220	0
Centenary College of LA	45	0	0	0	0	0	0	0	0	0	0
Dillard University	206	97	0	109	109	0	0	0	0	0	0
Grambling State U	2,960	0	0	2,416	2,416	0	0	0	0	0	0
LA St U All Campuses	60,706	5,607	1,206	16,256	14,515	1,741	0	0	2,472	535	0
LA St U System Office	1,483	40	0	1,360	1,360	0	0	0	0	0	0
Louisiana Tech University	1,412	181	0	454	454	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Indiana, total	89,052	0	221	0	0	0	2,995	41,519	0	0	75
Ball State University	198	0	16	0	0	0	0	214	0	0	0
Butler University	0	0	0	0	0	0	0	56	0	0	0
De Pauw University	0	0	0	0	0	0	0	90	0	0	0
Indiana State U All Camp	197	0	0	0	0	0	0	100	0	0	0
Indiana U	65,183	0	185	0	0	0	742	17,026	0	0	0
Manchester College	0	0	0	0	0	0	16	0	0	0	0
Purdue University	19,322	0	20	0	0	0	1,767	17,959	0	0	75
Rose-Hulman Inst of Tech	0	0	0	0	0	0	0	280	0	0	0
St Mary of the Woods Col	87	0	0	0	0	0	0	0	0	0	0
Taylor University	0	0	0	0	0	0	0	39	0	0	0
University of Evansville	0	0	0	0	0	0	0	2	0	0	0
University of Notre Dame	4,065	0	0	0	0	0	437	5,753	0	0	0
Valparaiso University	0	0	0	0	0	0	33	0	0	0	0
Iowa, total	82,378	0	0	0	0	3	7,465	14,688	50	0	3,536
Coe College	0	0	0	0	0	0	0	180	0	0	0
Dordt College	0	0	0	0	0	0	0	45	0	0	0
Drake University	0	0	0	0	0	0	34	63	0	0	0
Grinnell College	0	0	0	0	0	0	0	224	0	0	0
Indian Hills CC	0	0	0	0	0	1	0	0	0	0	0
Iowa State University	6,353	0	0	0	0	0	828	7,228	50	0	3,378
Kirkwood CC	275	0	0	0	0	0	0	0	0	0	0
Loras College	0	0	0	0	0	0	0	62	0	0	0
Maharishi U of Mgmt	404	0	0	0	0	0	0	0	0	0	0
University of Iowa	75,078	0	0	0	0	2	6,518	6,704	0	0	158
University of N Iowa	268	0	0	0	0	0	85	182	0	0	0
Kansas, total	32,445	0	29	0	0	2	1,997	11,349	0	0	767
Garden City CC	0	0	0	0	0	0	25	0	0	0	0
Haskell Indian Nations U	0	0	0	0	0	0	0	500	0	0	0
Kansas Newman College	0	0	0	0	0	0	0	94	0	0	0
Kansas State University	2,783	0	0	0	0	0	693	2,948	0	0	1
Pittsburg St U (Pittsbrg)	0	0	0	0	0	0	0	65	0	0	0
University of Kansas	29,553	0	29	0	0	2	754	7,502	0	0	0
Wichita State University	109	0	0	0	0	0	525	240	0	0	766
Kentucky, total	41,687	0	256	0	0	0	916	7,897	0	0	0
Eastern Kentucky U	0	0	0	0	0	0	5	5	0	0	0
Kentucky State University	0	0	0	0	0	0	0	0	0	0	0
Morehead State University	0	0	0	0	0	0	20	0	0	0	0
Murray State University	96	0	0	0	0	0	0	20	0	0	0
Northern Kentucky U	55	0	0	0	0	0	0	161	0	0	0
Transylvania University	0	0	0	0	0	0	0	12	0	0	0
U of Kentucky All Cmp	34,685	0	239	0	0	0	181	6,915	0	0	0
U of Louisville	6,707	0	0	0	0	0	210	784	0	0	0
Western Kentucky U	144	0	17	0	0	0	500	0	0	0	0
Louisiana, total	53,833	0	2,477	0	0	0	2,990	10,852	0	0	0
Centenary College of LA	0	0	0	0	0	0	0	45	0	0	0
Dillard University	0	0	0	0	0	0	0	0	0	0	0
Grambling State U	520	0	24	0	0	0	0	0	0	0	0
LA St U All Campuses	26,017	0	2,163	0	0	0	1,554	4,896	0	0	0
LA St U System Office	0	0	83	0	0	0	0	0	0	0	0
Louisiana Tech University	0	0	0	0	0	0	38	739	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
Louisiana, continued:											
Loyola U New Orleans	97	0	0	0	0	0	0	0	0	0	0
McNeese State University	39	0	0	0	0	0	0	0	0	0	0
Northeast Louisiana U	255	0	0	0	0	0	0	0	0	0	0
Southeastern Louisiana U	303	0	0	0	0	0	0	0	20	0	0
Southern U A&M All Cmp	5,701	2,060	0	1,111	1,076	0	35	0	381	389	0
Tulane University	42,068	69	0	3,803	3,803	0	0	0	10,948	296	0
U of Southwstrn Louisiana	2,477	257	0	50	0	0	50	0	0	0	0
Xavier U of Louisiana	3,305	0	0	400	400	0	0	0	388	0	0
Maine, total	10,694	3,791	323	1,314	1,223	91	0	0	511	277	0
Bates College	371	0	0	0	0	0	0	0	0	0	0
Bowdoin College	64	0	0	0	0	0	0	0	0	0	0
Central Maine Tech Col	16	0	0	0	0	0	0	0	0	0	0
Colby College	181	0	0	0	0	0	0	0	0	0	0
College of the Atlantic	30	0	0	0	0	0	0	0	0	0	0
Maine Maritime Academy	13	0	0	0	0	0	0	0	0	0	0
St Joseph's Col (N Wndhm)	11	0	0	0	0	0	0	0	0	0	0
U of Maine	8,551	3,741	323	987	896	91	0	0	155	277	0
U of Maine System Office	406	50	0	0	0	0	0	0	356	0	0
U of New England	345	0	0	327	327	0	0	0	0	0	0
U of Southern Maine	706	0	0	0	0	0	0	0	0	0	0
Maryland, total	791,081	6,744	6,402	288,905	39,935	40,019	208,951	349	15,462	3,808	0
Allegany Col (Cmbrlnd)	5	0	0	0	0	0	0	0	0	0	0
Baltimore City CC	278	0	0	0	0	0	0	278	0	0	0
Bowie State University	891	0	0	0	0	0	0	0	0	0	0
Charles County CC	22	0	0	0	0	0	0	0	0	0	0
Col of Notre Dame of MD	202	0	0	0	0	0	0	0	0	0	0
Frostburg State U	20	20	0	0	0	0	0	0	0	0	0
Goucher College	5	0	0	0	0	0	0	0	0	0	0
Hood College	183	0	0	0	0	0	0	0	0	0	0
Johns Hopkins University	611,683	94	74	267,442	20,560	37,951	208,931	0	7,030	1,601	0
Loyola College	670	0	0	10	10	0	0	0	0	0	0
Montgomery Col All Cmp	99	0	0	0	0	0	0	0	0	0	0
Morgan State University	5,341	0	0	1,199	1,199	0	0	0	37	70	0
Prince Georges CC	344	0	0	0	0	0	0	0	0	0	0
St Mary's Col of MD	154	0	0	0	0	0	0	0	0	0	0
Towson University	79	0	0	75	75	0	0	0	0	0	0
U Sys of MD Headquarters	2,736	42	1,592	0	0	0	0	71	0	983	0
U of Baltimore	9	9	0	0	0	0	0	0	0	0	0
U of MD Baltimore	69,243	0	25	2,032	569	1,463	0	0	278	115	0
U of MD Baltimore County	5,334	109	0	1,118	1,098	0	20	0	182	0	0
U of MD Biotech Inst	2,590	0	1,946	15	15	0	0	0	0	0	0
U of MD Center for EES	1,019	0	0	149	149	0	0	0	0	770	0
U of MD College Park	88,507	5,190	2,765	16,835	16,230	605	0	0	7,775	269	0
U of MD Eastern Shore	1,347	1,280	0	30	30	0	0	0	0	0	0
U of MD University Col	317	0	0	0	0	0	0	0	160	0	0
Western Maryland College	3	0	0	0	0	0	0	0	-0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Louisiana, continued:											
Loyola U New Orleans	0	0	0	0	0	0	0	97	0	0	0
McNeese State University	0	0	0	0	0	0	39	0	0	0	0
Northeast Louisiana U	0	0	0	0	0	0	0	255	0	0	0
Southeastern Louisiana U	0	0	8	0	0	0	13	262	0	0	0
Southern U A&M All Cmp	938	0	0	0	0	0	721	101	0	0	0
Tulane University	24,791	0	0	0	0	0	585	1,576	0	0	0
U of Southwstrn Louisiana	1,103	0	199	0	0	0	40	828	0	0	0
Xavier U of Louisiana	464	0	0	0	0	0	0	2,053	0	0	0
Maine, total	650	0	166	0	0	0	59	3,603	0	0	0
Bates College	91	0	0	0	0	0	0	280	0	0	0
Bowdoin College	0	0	0	0	0	0	0	64	0	0	0
Central Maine Tech Col	0	0	0	0	0	0	0	16	0	0	0
Colby College	0	0	0	0	0	0	0	181	0	0	0
College of the Atlantic	0	0	0	0	0	0	0	30	0	0	0
Maine Maritime Academy	0	0	0	0	0	0	0	13	0	0	0
St Joseph's Col (N Wndhm)	0	0	0	0	0	0	0	11	0	0	0
U of Maine	320	0	166	0	0	0	56	2,526	0	0	0
U of Maine System Office	0	0	0	0	0	0	0	0	0	0	0
U of New England	0	0	0	0	0	0	0	18	0	0	0
U of Southern Maine	239	0	0	0	0	0	3	464	0	0	0
Maryland, total	340,577	15	312	1,552	280	0	81,749	42,215	379	185	2,147
Allegany Col (Cmbrlnd)	0	0	0	0	0	0	0	5	0	0	0
Baltimore City CC	0	0	0	0	0	0	0	0	0	0	0
Bowie State University	0	0	0	0	0	0	891	0	0	0	0
Charles County CC	0	0	0	0	0	0	22	0	0	0	0
Col of Notre Dame of MD	0	0	0	0	0	0	0	202	0	0	0
Frostburg State U	0	0	0	0	0	0	0	0	0	0	0
Goucher College	0	0	0	0	0	0	0	5	0	0	0
Hood College	0	0	0	0	0	0	0	183	0	0	0
Johns Hopkins University	265,338	0	0	0	0	0	60,350	9,619	100	0	35
Loyola College	35	0	0	0	0	0	0	625	0	0	0
Montgomery Col All Cmp	0	0	0	0	0	0	0	99	0	0	0
Morgan State University	1,133	0	0	0	0	0	940	1,598	0	0	364
Prince Georges CC	0	0	0	0	0	0	0	344	0	0	0
St Mary's Col of MD	154	0	0	0	0	0	0	0	0	0	0
Towson University	0	0	0	0	0	0	4	0	0	0	0
U Sys of MD Headquarters	48	0	0	0	0	0	0	0	0	0	0
U of Baltimore	0	0	0	0	0	0	0	0	0	0	0
U of MD Baltimore	64,921	0	0	0	0	0	304	1,175	0	0	393
U of MD Baltimore County	607	0	0	0	0	0	1,449	1,869	0	0	0
U of MD Biotech Inst	0	0	0	0	0	0	22	607	0	0	0
U of MD Center for EES	0	0	11	0	0	0	89	0	0	0	0
U of MD College Park	8,304	15	301	1,552	280	0	17,675	25,727	279	185	1,355
U of MD Eastern Shore	37	0	0	0	0	0	0	0	0	0	0
U of MD University Col	0	0	0	0	0	0	0	157	0	0	0
Western Maryland College	0	0	0	0	0	0	3	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
Massachusetts, total	774,389	4,867	3,740	102,753	95,021	7,150	582	1,902	79,406	6,000	0
Amherst College	355	0	0	0	0	0	0	0	0	0	0
Bentley College	44	0	0	0	0	0	0	0	0	0	0
Boston College	9,719	0	0	3,428	3,011	417	0	0	313	112	0
Boston University	92,900	25	122	10,155	10,130	0	25	1,056	3,222	135	0
Brandeis University	22,273	0	0	580	580	0	0	0	1,098	275	0
Bridgewater State College	375	0	0	0	0	0	0	0	0	0	0
Bunker Hill CC	53	0	0	0	0	0	0	0	0	0	0
Clark University	1,677	0	0	108	108	0	0	0	265	105	0
Col of Our Lady of Elms	8	0	0	0	0	0	0	0	0	0	0
Col of the Holy Cross	176	0	0	0	0	0	0	0	0	0	0
Five Colleges Inc	71	0	0	0	0	0	0	0	0	0	0
Hampshire College	655	0	0	0	0	0	0	0	0	0	0
Harvard University	205,360	0	100	8,203	6,851	1,352	0	19	5,443	2,813	0
MA Bay Community College	60	0	0	0	0	0	0	0	0	0	0
MA Inst of Technology	229,174	0	1,601	46,230	44,974	1,091	165	0	63,176	845	0
MGH Inst Hlth Professions	100	0	0	0	0	0	0	100	0	0	0
Middlesex CC (Bedfrd)	392	0	0	0	0	0	0	0	0	0	0
Mount Holyoke College	846	0	0	0	0	0	0	0	107	0	0
New Eng Col of Optometry	566	0	0	0	0	0	0	0	0	0	0
Northeastern University	14,590	0	0	2,954	2,069	885	0	0	1,040	51	0
Radcliffe College	586	0	0	402	402	0	0	0	0	0	0
Simmons College	879	0	0	0	0	0	0	0	0	0	0
Smith College	1,041	0	0	0	0	0	0	0	0	0	0
Springfield Tech CC	427	0	0	0	0	0	0	227	0	0	0
Stonehill College	10	0	0	0	0	0	0	0	0	0	0
Tufts University	38,380	704	58	2,047	2,047	0	0	500	789	525	0
U of MA Amherst	33,780	4,138	458	8,271	8,271	0	0	0	2,425	330	0
U of MA Boston	3,217	0	0	480	480	0	0	0	120	440	0
U of MA Central Office	366	0	0	0	0	0	0	0	0	0	0
U of MA Dartmouth	1,288	0	0	6	6	0	0	0	0	0	0
U of MA Lowell	4,915	0	69	1,868	1,283	264	321	0	261	25	0
U of MA Worcester	44,834	0	0	431	189	242	0	0	5	0	0
Wellesley College	1,367	0	0	0	0	0	0	0	0	0	0
Wentworth Inst of Tech	783	0	0	783	75	708	0	0	0	0	0
Wheelock College	365	0	0	0	0	0	0	0	0	0	0
Williams College	811	0	0	0	0	0	0	0	0	6	0
Woods Hole Ocean Inst	57,968	0	1,332	16,278	14,016	2,191	71	0	1,036	246	0
Worcester Polytech Inst	3,978	0	0	529	529	0	0	0	106	92	0
Michigan, total	404,031	12,300	1,719	39,688	34,767	3,802	1,119	2,102	14,041	4,849	0
Andrews University	20	0	0	0	0	0	0	0	0	0	0
Calvin College	288	0	0	0	0	0	0	0	0	0	0
Central Michigan U	208	0	0	0	0	0	0	170	0	0	0
Cnsrtm Intl Erth Sci Info	4,782	0	0	0	0	0	0	0	0	100	0
Eastern Michigan U	397	0	0	0	0	0	0	0	0	0	0
Ferris State University	130	0	0	0	0	0	0	0	0	0	0
GMI Engineering Mgmt Inst	15	0	0	0	0	0	0	0	0	0	0
Grand Valley State U	8	0	0	0	0	0	0	0	0	0	0
Hope College	566	0	0	0	0	0	0	0	0	0	0
Kellogg Community College	23	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Massachusetts, total	387,336	0	1,467	1,693	2,888	1	54,264	124,983	131	0	2,958
Amherst College	140	0	0	0	0	0	0	215	0	0	0
Bentley College	0	0	0	0	0	0	0	44	0	0	0
Boston College	3,210	0	324	0	0	0	75	2,126	131	0	0
Boston University	67,134	0	0	0	0	0	2,966	8,085	0	0	0
Brandeis University	16,538	0	0	0	0	0	824	2,958	0	0	0
Bridgewater State College	0	0	0	0	0	0	0	100	0	0	275
Bunker Hill CC	0	0	0	0	0	0	0	53	0	0	0
Clark University	490	0	0	0	0	0	23	686	0	0	0
Col of Our Lady of Elms	0	0	0	0	0	0	0	8	0	0	0
Col of the Holy Cross	0	0	0	0	0	0	0	176	0	0	0
Five Colleges Inc	0	0	0	0	0	0	26	45	0	0	0
Hampshire College	307	0	0	0	0	0	111	237	0	0	0
Harvard University	154,192	0	60	1,193	2,888	0	9,597	20,852	0	0	0
MA Bay Community College	0	0	0	0	0	0	0	60	0	0	0
MA Inst of Technology	53,143	0	169	0	0	0	36,141	26,909	0	0	960
MGH Inst Hlth Professions	0	0	0	0	0	0	0	0	0	0	0
Middlesex CC (Bedfrd)	0	0	0	0	0	0	0	392	0	0	0
Mount Holyoke College	0	0	0	0	0	0	118	621	0	0	0
New Eng Col of Optometry	566	0	0	0	0	0	0	0	0	0	0
Northeastern University	4,144	0	0	0	0	0	150	6,251	0	0	0
Radcliffe College	179	0	0	0	0	0	0	5	0	0	0
Simmons College	452	0	0	0	0	0	0	427	0	0	0
Smith College	734	0	0	0	0	0	0	307	0	0	0
Springfield Tech CC	0	0	0	0	0	0	0	200	0	0	0
Stonehill College	0	0	0	0	0	0	0	10	0	0	0
Tufts University	30,451	0	0	0	0	0	265	3,041	0	0	0
U of MA Amherst	7,681	0	243	500	0	0	2,025	7,709	0	0	0
U of MA Boston	1,471	0	0	0	0	1	0	705	0	0	0
U of MA Central Office	0	0	0	0	0	0	0	0	0	0	366
U of MA Dartmouth	98	0	0	0	0	0	0	1,184	0	0	0
U of MA Lowell	1,572	0	0	0	0	0	0	864	0	0	256
U of MA Worcester	43,409	0	0	0	0	0	378	611	0	0	0
Wellesley College	787	0	0	0	0	0	52	528	0	0	0
Wentworth Inst of Tech	0	0	0	0	0	0	0	0	0	0	0
Wheelock College	0	0	0	0	0	0	0	365	0	0	0
Williams College	218	0	0	0	0	0	0	587	0	0	0
Woods Hole Ocean Inst	84	0	671	0	0	0	966	37,355	0	0	0
Worcester Polytech Inst	336	0	0	0	0	0	547	1,267	0	0	1,101
Michigan, total	236,142	0	149	1,265	645	0	16,177	71,405	50	190	3,309
Andrews University	0	0	0	0	0	0	0	20	0	0	0
Calvin College	157	0	0	0	0	0	0	131	0	0	0
Central Michigan U	0	0	0	0	0	0	0	38	0	0	0
Cnsrtm Intl Erth Sci Info	0	0	0	0	0	0	4,682	0	0	0	0
Eastern Michigan U	150	0	0	0	0	0	0	247	0	0	0
Ferris State University	0	0	0	0	0	0	0	130	0	0	0
GMI Engineering Mgmt Inst	0	0	0	0	0	0	15	0	0	0	0
Grand Valley State U	0	0	0	0	0	0	0	8	0	0	0
Hope College	122	0	0	0	0	0	0	444	0	0	0
Kellogg Community College	0	0	0	0	0	0	0	23	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
Michigan, continued:											
Lake Superior State U	5	5	0	0	0	0	0	0	0	0	0
Lawrence Technological U	58	0	0	0	0	0	0	0	0	0	0
Michigan State University	64,492	11,166	123	3,450	1,684	1,751	15	122	4,232	342	0
Michigan Tech University	9,516	417	0	3,370	3,370	0	0	0	424	1,456	0
Oakland University	3,276	0	0	200	50	0	150	0	0	0	0
Saginaw Valley State U	608	0	608	0	0	0	0	0	0	0	0
U of Detroit Mercy	102	0	0	0	0	0	0	0	0	0	0
U of Michigan	261,284	712	988	30,397	27,944	2,051	402	1,440	7,971	2,951	0
Wayne State University	55,016	0	0	2,126	1,574	0	552	370	1,060	0	0
Western Michigan U	3,237	0	0	145	145	0	0	0	354	0	0
Minnesota, total	195,527	7,765	1,177	13,735	12,586	1,149	0	1,725	6,042	2,489	0
Augsburg College	430	0	0	196	196	0	0	0	0	0	0
Carleton College	609	0	0	20	20	0	0	0	0	0	0
Gustavus Adolphus College	190	0	0	0	0	0	0	0	0	0	0
Hamline University	100	0	0	0	0	0	0	0	0	0	0
Macalester College	230	0	0	0	0	0	0	0	0	0	0
Mankato State University	440	0	0	0	0	0	0	0	0	0	0
Mesabi Range Cmty&Tech	232	0	0	0	0	0	0	0	0	0	0
Metropolitan State U	3	3	0	0	0	0	0	0	0	0	0
Moorhead State University	30	0	0	0	0	0	0	0	0	0	0
Riverland CC	100	0	0	0	0	0	0	0	0	0	0
St Cloud State University	189	0	0	0	0	0	0	0	0	0	0
St Olaf College	308	0	0	0	0	0	0	0	0	0	0
U of Minnesota	192,556	7,752	1,177	13,519	12,370	1,149	0	1,725	6,042	2,489	0
U of St Thomas (St Paul)	100	0	0	0	0	0	0	0	0	0	0
Winona State University	10	10	0	0	0	0	0	0	0	0	0
Mississippi, total	46,010	14,697	1,060	6,937	6,277	560	100	843	3,005	776	0
Alcorn State University	2,671	2,491	0	0	0	0	0	0	0	0	0
Delta State University	25	25	0	0	0	0	0	0	0	0	0
Jackson State University	3,712	0	0	790	790	0	0	0	360	0	0
Mississippi Rsch Cnstrm	584	0	0	0	0	0	0	0	0	0	0
Mississippi State U	21,476	9,605	147	3,585	3,025	560	0	843	2,068	675	0
Rust College	100	0	0	100	0	0	100	0	0	0	0
Tougaloo College	77	0	0	0	0	0	0	0	0	0	0
U of Mississippi	13,037	1,576	862	495	495	0	0	0	411	101	0
U of Southern Mississippi	4,328	1,000	51	1,967	1,967	0	0	0	166	0	0
Missouri, total	257,908	12,076	116	9,257	8,478	779	0	1,802	5,397	339	0
Central Missouri St U	24	0	0	0	0	0	0	0	0	0	0
Drury College	100	0	0	0	0	0	0	0	0	0	0
Evangel College	13	0	0	0	0	0	0	0	0	0	0
Harris Stowe State Col	88	0	0	0	0	0	0	0	0	0	0
Kirksville Col Osteo Med	380	0	0	0	0	0	0	0	0	0	0
Lincoln U (Jefferson City)	1,964	1,964	0	0	0	0	0	0	0	0	0
Missouri Southern St Col	15	0	0	0	0	0	0	0	0	0	0
Missouri Western St Col	26	0	0	26	26	0	0	0	0	0	0
Southeast Missouri St U	92	0	0	0	0	0	0	0	0	0	0
Southwest Missouri St U	81	0	0	0	0	0	0	0	0	0	0
St Louis University	23,486	0	0	532	532	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Michigan, continued:											
Lake Superior State U	0	0	0	0	0	0	0	0	0	0	0
Lawrence Technological U	0	0	0	0	0	0	0	58	0	0	0
Michigan State University	20,075	0	20	1,100	233	0	435	23,194	0	0	0
Michigan Tech University	71	0	0	0	0	0	361	3,151	0	0	266
Oakland University	2,479	0	0	0	0	0	0	597	0	0	0
Saginaw Valley State U	0	0	0	0	0	0	0	0	0	0	0
U of Detroit Mercy	0	0	0	0	0	0	0	102	0	0	0
U of Michigan	168,694	0	129	165	412	0	10,468	33,760	50	190	2,957
Wayne State University	44,057	0	0	0	0	0	202	7,201	0	0	0
Western Michigan U	337	0	0	0	0	0	14	2,301	0	0	86
Minnesota, total	126,502	0	434	0	0	0	2,485	32,079	0	0	1,094
Augsburg College	0	0	0	0	0	0	0	234	0	0	0
Carleton College	0	0	0	0	0	0	0	589	0	0	0
Gustavus Adolphus College	0	0	0	0	0	0	0	190	0	0	0
Hamline University	0	0	0	0	0	0	0	100	0	0	0
Macalester College	80	0	0	0	0	0	0	150	0	0	0
Mankato State University	158	0	0	0	0	0	40	242	0	0	0
Mesabi Range Cmty&Tech	0	0	0	0	0	0	0	232	0	0	0
Metropolitan State U	0	0	0	0	0	0	0	0	0	0	0
Moorhead State University	0	0	0	0	0	0	30	0	0	0	0
Riverland CC	0	0	0	0	0	0	0	100	0	0	0
St Cloud State University	0	0	0	0	0	0	106	83	0	0	0
St Olaf College	130	0	0	0	0	0	0	178	0	0	0
U of Minnesota	126,034	0	434	0	0	0	2,309	29,981	0	0	1,094
U of St Thomas (St Paul)	100	0	0	0	0	0	0	0	0	0	0
Winona State University	0	0	0	0	0	0	0	0	0	0	0
Mississippi, total	11,257	0	261	0	0	0	1,768	5,386	0	0	20
Alcorn State University	180	0	0	0	0	0	0	0	0	0	0
Delta State University	0	0	0	0	0	0	0	0	0	0	0
Jackson State University	918	0	86	0	0	0	344	1,214	0	0	0
Mississippi Rsch Cnstrm	0	0	0	0	0	0	584	0	0	0	0
Mississippi State U	846	0	97	0	0	0	577	3,033	0	0	0
Rust College	0	0	0	0	0	0	0	0	0	0	0
Tougaloo College	51	0	0	0	0	0	26	0	0	0	0
U of Mississippi	8,673	0	22	0	0	0	168	709	0	0	20
U of Southern Mississippi	589	0	56	0	0	0	69	430	0	0	0
Missouri, total	203,690	0	1,169	0	117	5	4,313	19,455	73	0	99
Central Missouri St U	0	0	0	0	0	0	0	24	0	0	0
Drury College	0	0	0	0	0	0	0	100	0	0	0
Evangel College	0	0	0	0	0	0	0	13	0	0	0
Harris Stowe State Col	0	0	0	0	0	0	0	88	0	0	0
Kirksville Col Osteo Med	380	0	0	0	0	0	0	0	0	0	0
Lincoln U (Jefferson City)	0	0	0	0	0	0	0	0	0	0	0
Missouri Southern St Col	0	0	15	0	0	0	0	0	0	0	0
Missouri Western St Col	0	0	0	0	0	0	0	0	0	0	0
Southeast Missouri St U	0	0	0	0	0	0	13	79	0	0	0
Southwest Missouri St U	0	0	0	0	0	0	0	81	0	0	0
St Louis University	21,422	0	589	0	0	0	95	775	73	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
Missouri, continued:											
Truman State University	407	0	0	0	0	0	0	0	0	0	0
U of Missouri Columbia	30,279	9,520	31	1,581	1,581	0	0	719	632	0	0
U of Missouri Kansas City	4,818	0	0	50	50	0	0	0	173	0	0
U of Missouri Rolla	4,175	0	0	686	686	0	0	0	849	89	0
U of Missouri St Louis	2,941	0	0	365	365	0	0	0	0	0	0
U of Missouri Sys Admin	2,447	173	0	0	0	0	0	1,083	746	0	0
Washington University	186,572	419	85	6,017	5,238	779	0	0	2,997	250	0
Montana, total	26,089	4,749	300	4,528	4,013	515	0	1,110	1,491	500	0
Montana State U Billings	333	33	300	0	0	0	0	0	0	0	0
Montana State U Bozeman	15,557	3,651	0	3,701	3,701	0	0	178	10	500	0
Montana Tech of U of MT	581	0	0	312	312	0	0	0	167	0	0
Montana U Sys-Sys Off	460	10	0	0	0	0	0	0	0	0	0
Salish Kootenai College	1,255	0	0	0	0	0	0	0	0	0	0
Stone Child College	274	0	0	0	0	0	0	274	0	0	0
U of Montana, The	7,580	1,055	0	515	0	515	0	658	1,314	0	0
Western Montana College	49	0	0	0	0	0	0	0	0	0	0
Nebraska, total	50,809	7,968	128	3,391	3,391	0	0	135	897	0	0
Chadron State College	1	0	0	0	0	0	0	0	0	0	0
Creighton University	3,795	0	80	107	107	0	0	0	130	0	0
U of Nebraska Ctrl Admin	639	93	48	0	0	0	0	0	498	0	0
U of Nebraska Kearney	429	0	0	0	0	0	0	0	0	0	0
U of Nebraska Lincoln	29,567	7,875	0	2,736	2,736	0	0	0	0	0	0
U of Nebraska Med Ctr	15,556	0	0	548	548	0	0	135	0	0	0
U of Nebraska Omaha	822	0	0	0	0	0	0	0	269	0	0
Nevada, total	23,032	1,394	130	1,121	1,121	0	0	0	3,908	832	0
Desert Research Institute	3,188	15	0	615	615	0	0	0	567	0	0
U & CC Sys of NV SO	2,132	0	0	200	200	0	0	0	0	426	0
U of Nevada Las Vegas	5,753	20	0	158	158	0	0	0	2,967	346	0
U of Nevada Reno	11,959	1,359	130	148	148	0	0	0	374	60	0
New Hampshire, total	68,951	1,988	1,956	3,346	3,321	0	25	262	1,142	288	0
Dartmouth College	44,900	253	0	3,039	3,014	0	25	125	532	100	0
Franklin Pierce College	38	0	0	0	0	0	0	0	0	0	0
NH Cmty Tech Nashua Clrmt	5	0	0	0	0	0	0	0	0	0	0
St Anselm College	66	0	0	0	0	0	0	0	0	0	0
U System of NH Sys Off	1,671	0	1,364	307	307	0	0	0	0	0	0
U of NH Durham	22,121	1,735	592	0	0	0	0	137	610	188	0
U of NH Keene St Col	150	0	0	0	0	0	0	0	0	0	0
New Jersey, total	198,759	4,995	4,453	25,793	24,950	18	825	202	14,256	3,398	0
College of N Jersey, The	600	0	0	0	0	0	0	0	0	0	0
Drew University	153	0	0	36	36	0	0	0	0	0	0
Mercer County CC	52	0	0	0	0	0	0	52	0	0	0
Middlesex County College	1,493	0	0	0	0	0	0	0	0	0	0
Monmouth University	111	0	0	53	53	0	0	0	0	0	0
Montclair St University	1,015	0	0	0	0	0	0	0	0	0	0
New Jersey Inst of Tech	4,716	0	0	665	647	18	0	0	57	2,046	0
Princeton University	66,968	95	1,503	13,170	13,170	0	0	0	7,527	108	0
Ramapo College of NJ	300	0	0	0	0	0	0	0	0	0	0
Richard Stockton Col NJ	226	0	0	0	0	0	0	0	0	26	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Missouri, continued:											
Truman State University	86	0	0	0	0	0	0	321	0	0	0
U of Missouri Columbia	13,484	0	120	0	0	0	542	3,650	0	0	0
U of Missouri Kansas City	3,664	0	0	0	0	5	0	926	0	0	0
U of Missouri Rolla	426	0	0	0	0	0	343	1,782	0	0	0
U of Missouri St Louis	1,350	0	0	0	117	0	95	1,014	0	0	0
U of Missouri Sys Admin	0	0	445	0	0	0	0	0	0	0	0
Washington University	162,878	0	0	0	0	0	3,225	10,602	0	0	99
Montana, total	4,420	0	117	148	0	0	1,914	6,812	0	0	0
Montana State U Billings	0	0	0	0	0	0	0	0	0	0	0
Montana State U Bozeman	2,483	0	100	148	0	0	1,039	3,747	0	0	0
Montana Tech of U of MT	0	0	17	0	0	0	27	58	0	0	0
Montana U Sys-Sys Off	0	0	0	0	0	0	0	450	0	0	0
Salish Kootenai College	0	0	0	0	0	0	0	1,255	0	0	0
Stone Child College	0	0	0	0	0	0	0	0	0	0	0
U of Montana, The	1,937	0	0	0	0	0	848	1,253	0	0	0
Western Montana College	0	0	0	0	0	0	0	49	0	0	0
Nebraska, total	21,327	0	339	2,543	272	1	1,052	11,761	0	0	995
Chadron State College	0	0	0	0	0	1	0	0	0	0	0
Creighton University	3,469	0	0	0	0	0	9	0	0	0	0
U of Nebraska Ctrl Admin	0	0	0	0	0	0	0	0	0	0	0
U of Nebraska Kearney	360	0	0	0	0	0	0	69	0	0	0
U of Nebraska Lincoln	2,824	0	339	2,543	0	0	883	11,372	0	0	995
U of Nebraska Med Ctr	14,561	0	0	0	0	0	160	152	0	0	0
U of Nebraska Omaha	113	0	0	0	272	0	0	168	0	0	0
Nevada, total	6,124	0	1,208	0	0	3	729	7,206	0	0	377
Desert Research Institute	0	0	0	0	0	0	516	1,475	0	0	0
U & CC Sys of NV SO	0	0	0	0	0	0	0	1,506	0	0	0
U of Nevada Las Vegas	365	0	337	0	0	3	156	1,401	0	0	0
U of Nevada Reno	5,759	0	871	0	0	0	57	2,824	0	0	377
New Hampshire, total	37,443	0	51	0	0	5	11,904	10,517	0	0	49
Dartmouth College	34,736	0	0	0	0	0	1,262	4,853	0	0	0
Franklin Pierce College	0	0	0	0	0	0	0	38	0	0	0
NH Cmty Tech Nashua/Clrmt	0	0	0	0	0	5	0	0	0	0	0
St Anselm College	66	0	0	0	0	0	0	0	0	0	0
U System of NH Sys Off	0	0	0	0	0	0	0	0	0	0	0
U of NH Durham	2,641	0	51	0	0	0	10,642	5,476	0	0	49
U of NH Keene St Col	0	0	0	0	0	0	0	150	0	0	0
New Jersey, total	88,286	311	377	0	25	20	7,792	45,442	0	0	3,409
College of N Jersey, The	0	0	0	0	0	0	0	600	0	0	0
Drew University	112	0	0	0	0	0	0	5	0	0	0
Mercer County CC	0	0	0	0	0	0	0	0	0	0	0
Middlesex County College	0	0	0	0	0	0	0	1,493	0	0	0
Monmouth University	0	0	0	0	0	0	0	58	0	0	0
Montclair St University	0	0	0	0	0	0	0	1,015	0	0	0
New Jersey Inst of Tech	0	0	0	0	0	0	109	1,839	0	0	0
Princeton University	17,823	0	40	0	0	0	4,675	22,027	0	0	0
Ramapo College of NJ	0	0	0	0	0	0	0	300	0	0	0
Richard Stockton Col NJ	0	0	0	0	0	0	0	200	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
New Jersey, continued:											
Rowan University	15	0	0	0	0	0	0	0	0	0	0
Rutgers St U of NJ	65,769	4,900	2,950	10,227	9,402	0	825	0	5,715	1,218	0
Seton Hall University	297	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Tech	3,193	0	0	1,042	1,042	0	0	0	317	0	0
U of Med & Dent of NJ	53,851	0	0	600	600	0	0	150	640	0	0
New Mexico, total	90,310	3,890	59	22,965	21,268	385	1,312	0	6,375	329	0
Albuquerque T-VI A CC	335	0	0	0	0	0	0	0	0	0	0
College of Santa Fe	337	0	0	0	0	0	0	0	0	0	0
Inst Ind AK Culture & Art	21	0	0	0	0	0	0	0	0	0	0
New Mexico Highlands U	2,224	0	0	418	418	0	0	0	0	329	0
New Mexico Inst Mining	8,294	0	0	4,412	3,643	72	697	0	2,270	0	0
New Mexico St U	38,382	3,872	0	9,856	9,676	75	105	0	1,484	0	0
U Albuquerque	197	0	0	0	0	0	0	0	0	0	0
U of New Mexico	40,520	18	59	8,279	7,531	238	510	0	2,621	0	0
New York, total	1,017,749	13,287	8,120	59,571	52,839	4,844	1,888	6,551	55,176	3,188	0
Adelphi University	269	0	0	0	0	0	0	0	0	0	0
Albany Col of Pharmacy	357	0	0	0	0	0	0	0	0	0	0
Albany Medical College	5,002	0	0	7	0	7	0	0	0	0	0
Alfred University	996	0	0	375	375	0	0	0	543	0	0
Bank Street Col of Ed	304	0	0	0	0	0	0	224	0	0	0
Bard College	60	0	0	0	0	0	0	0	0	0	0
Barnard College	810	0	0	300	300	0	0	0	0	0	0
CUNY Bernard Baruch Col	181	0	0	142	142	0	0	0	0	0	0
CUNY Boro of Manhattan CC	150	0	0	0	0	0	0	0	0	0	0
CUNY Brooklyn College	1,716	0	0	329	329	0	0	0	0	0	0
CUNY City College	11,126	0	0	880	637	243	0	0	926	0	0
CUNY Col Staten Island	584	0	0	0	0	0	0	0	0	0	0
CUNY Grad Schl & U Ctr	3,070	0	0	363	363	0	0	0	0	0	0
CUNY Herbert H Lehman Col	610	0	0	144	144	0	0	0	40	0	0
CUNY Hunter College	4,920	0	0	166	166	0	0	0	202	0	0
CUNY J Jay Col Crim Just	997	0	0	0	0	0	0	0	0	0	0
CUNY Mt Sinai Schl of Med	62,386	0	0	167	167	0	0	978	112	0	0
CUNY NY City Tech Col	58	0	0	0	0	0	0	0	58	0	0
CUNY Queens College	1,647	0	0	91	91	0	0	0	0	0	0
CUNY Queensboro CC	304	0	0	0	0	0	0	0	0	0	0
CUNY System Office	7,621	0	0	314	130	184	0	125	0	0	0
CUNY York College	195	0	0	0	0	0	0	0	0	0	0
Canisius College	149	117	0	0	0	0	0	0	0	0	0
Clarkson University	2,188	0	0	337	192	145	0	0	63	153	0
Colgate University	292	0	0	0	0	0	0	0	0	0	0
Columbia U Central Off	2,081	0	0	28	28	0	0	0	0	201	0
Columbia U City New York	189,980	117	5,397	7,735	6,016	596	1,123	126	8,051	98	0
Cornell University	178,194	11,653	89	14,532	14,161	282	89	0	5,082	942	0
D Youville College	134	0	0	0	0	0	0	0	0	0	0
Fordham University	1,026	0	14	0	0	0	0	0	0	0	0
Hamilton College	226	0	0	0	0	0	0	0	0	0	0
Hobart & Wm Smith Cols	84	0	0	0	0	0	0	0	0	0	0
Hofstra University	414	0	0	177	177	0	0	0	0	0	0
Iona College	95	0	0	95	95	0	0	0	0	0	0
Ithaca College	199	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
New Jersey, continued											
Rowan University	0	0	0	0	0	0	15	0	0	0	0
Rutgers St U of NJ	19,435	311	337	0	25	20	2,152	15,070	0	0	3,409
Seton Hall University	141	0	0	0	0	0	0	156	0	0	0
Stevens Institute of Tech	54	0	0	0	0	0	128	1,652	0	0	0
U of Med & Dent of NJ	50,721	0	0	0	0	0	713	1,027	0	0	0
New Mexico, total	21,210	0	681	0	131	117	22,520	11,557	0	0	476
Albuquerque T-VI A CC	0	0	0	0	0	117	0	218	0	0	0
College of Santa Fe	0	0	337	0	0	0	0	0	0	0	0
Inst Ind AK Culture & Art	0	0	0	0	0	0	0	21	0	0	0
New Mexico Highlands U	517	0	0	0	0	0	936	24	0	0	0
New Mexico Inst Mining	0	0	0	0	0	0	93	1,172	0	0	347
New Mexico St U	96	0	344	0	131	0	19,432	3,167	0	0	0
U Albuquerque	197	0	0	0	0	0	0	0	0	0	0
U of New Mexico	20,400	0	0	0	0	0	2,059	6,955	0	0	129
New York, total	670,854	0	726	700	306	50	21,765	174,434	125	77	2,819
Adelphi University	68	0	0	0	0	0	0	201	0	0	0
Albany Col of Pharmacy	357	0	0	0	0	0	0	0	0	0	0
Albany Medical College	4,995	0	0	0	0	0	0	0	0	0	0
Alfred University	0	0	0	0	0	0	0	78	0	0	0
Bank Street Col of Ed	0	0	0	0	0	0	0	80	0	0	0
Bard College	0	0	0	0	0	0	0	60	0	0	0
Barnard College	304	0	0	0	0	0	0	206	0	0	0
CUNY Bernard Baruch Col	0	0	0	0	0	0	0	39	0	0	0
CUNY Boro of Manhattan CC	0	0	0	0	0	50	0	100	0	0	0
CUNY Brooklyn College	718	0	0	0	0	0	100	569	0	0	0
CUNY City College	2,876	0	0	0	0	0	1,814	4,630	0	0	0
CUNY Col Staten Island	360	0	0	0	0	0	0	224	0	0	0
CUNY Grad Schl & U Ctr	1,825	0	0	0	0	0	0	882	0	0	0
CUNY Herbert H Lehman Col	249	0	0	0	0	0	0	177	0	0	0
CUNY Hunter College	3,392	0	0	0	0	0	22	1,138	0	0	0
CUNY J Jay Col Crim Just	997	0	0	0	0	0	0	0	0	0	0
CUNY Mt Sinai Schl of Med	60,063	0	0	0	0	0	947	119	0	0	0
CUNY NY City Tech Col	0	0	0	0	0	0	0	0	0	0	0
CUNY Queens College	1,319	0	0	0	0	0	0	237	0	0	0
CUNY Queensboro CC	0	0	0	0	0	0	0	304	0	0	0
CUNY System Office	21	0	39	550	16	0	150	5,462	125	0	819
CUNY York College	0	0	0	0	0	0	195	0	0	0	0
Canisius College	0	0	0	0	0	0	0	32	0	0	0
Clarkson University	0	0	0	0	0	0	446	1,189	0	0	0
Colgate University	0	0	0	0	0	0	0	292	0	0	0
Columbia U Central Off	1,440	0	412	0	0	0	0	0	0	0	0
Columbia U City New York	131,435	0	0	0	200	0	4,709	32,112	0	0	0
Cornell University	87,418	0	83	0	0	0	5,128	53,267	0	0	0
D'Youville College	0	0	0	0	0	0	0	134	0	0	0
Fordham University	902	0	0	0	0	0	0	110	0	0	0
Hamilton College	110	0	0	0	0	0	0	116	0	0	0
Hobart & Wm Smith Cols	39	0	0	0	0	0	0	45	0	0	0
Hofstra University	0	0	0	0	0	0	147	90	0	0	0
Iona College	0	0	0	0	0	0	0	0	0	0	0
Ithaca College	69	0	0	0	0	0	0	130	0	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
New York, continued:											
Long Island University	570	0	0	0	0	0	0	0	0	0	0
Manhattan College	8	0	0	0	0	0	0	0	0	0	0
Mercy Col (Dobbs Ferry)	58	0	0	0	0	0	0	0	0	0	0
NY Inst of Tech	212	0	0	0	0	0	0	0	0	0	0
NY Medical College	11,014	0	0	277	277	0	0	600	0	0	0
NY University	84,169	0	0	3,858	2,992	866	0	1,196	2,907	562	0
New School Social Rsch	207	0	0	0	0	0	0	0	0	19	0
Niagara University	38	0	0	0	0	0	0	0	0	0	0
Pace University	197	0	0	0	0	0	0	0	0	0	0
Polytechnic University	2,971	0	0	1,397	1,144	253	0	0	289	0	0
Regents Col. U of St NY	88	0	0	0	0	0	0	0	0	0	0
Rensselaer Polytech Inst	18,876	92	0	4,697	4,647	0	50	0	1,629	609	0
Roberts Wesleyan College	94	0	0	0	0	0	0	0	0	0	0
Rochester Inst Technology	1,985	0	0	276	276	0	0	0	0	0	0
Rockefeller University	46,029	0	0	280	83	197	0	0	1,087	0	0
SUNY Col Brockport	139	0	0	0	0	0	0	0	0	0	0
SUNY Col Buffalo	2,804	0	0	481	0	481	0	1,500	570	0	0
SUNY Col Cortland	726	0	0	0	0	0	0	0	0	0	0
SUNY Col Env Sci & Forest	1,180	494	0	0	0	0	0	0	0	0	0
SUNY Col Fredonia	162	0	0	0	0	0	0	0	0	0	0
SUNY Col Geneseo	205	0	0	0	0	0	0	0	0	0	0
SUNY Col Old Westbury	397	0	0	0	0	0	0	0	0	0	0
SUNY Col Oneonta	43	0	0	0	0	0	0	0	0	0	0
SUNY Col Oswego	75	0	0	0	0	0	0	0	0	0	0
SUNY Col Plattsburgh	744	0	461	0	0	0	0	0	0	0	0
SUNY Col Potsdam	15	0	0	0	0	0	0	0	0	0	0
SUNY Col of Optometry	304	0	0	0	0	0	0	0	0	0	0
SUNY Hlth Sci Ctr Brklyn	17,468	0	0	0	0	0	0	0	0	0	0
SUNY Hlth Sci Ctr Syracus	9,334	0	0	0	0	0	0	0	0	0	0
SUNY Nassau CC	81	0	0	0	0	0	0	0	0	0	0
SUNY Purchase Col	185	0	0	0	0	0	0	0	0	0	0
SUNY Sullivan Co CC	20	0	0	0	0	0	0	0	0	0	0
SUNY System Office	1,874	79	124	172	172	0	0	1,199	0	0	0
SUNY at Albany	15,900	486	0	302	302	0	0	0	1,549	510	0
SUNY at Binghamton	5,035	0	0	1,270	1,070	0	200	0	126	94	0
SUNY at Buffalo	37,772	122	0	4,370	3,869	75	426	0	35	0	0
SUNY at New Paltz	89	0	0	0	0	0	0	0	0	0	0
SUNY at Stony Brook	75,718	0	2,035	6,726	5,929	797	0	0	5,088	0	0
Siena College (Loudnvl)	8	0	0	0	0	0	0	0	0	0	0
Skidmore College	51	0	0	0	0	0	0	0	0	0	0
St John Fisher College	45	0	0	0	0	0	0	0	0	0	0
St Johns University (NY)	305	0	0	0	0	0	0	0	0	0	0
Syracuse University	15,159	0	0	3,391	2,673	718	0	400	1,590	0	0
Teachers Col Columbia U	2,122	0	0	0	0	0	0	203	0	0	0
Union Col (Schenectady)	124	0	0	0	0	0	0	0	0	0	0
University of Rochester	110,951	127	0	5,673	5,673	0	0	0	25,229	0	0
Vassar College	318	0	0	0	0	0	0	0	0	0	0
Webb Institute	17	0	0	0	0	0	0	0	0	0	0
Yeshiva University NY	73,438	0	0	219	219	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
New York, continued:											
Long Island University	0	0	0	0	0	0	0	570	0	0	0
Manhattan College	0	0	0	0	0	0	0	8	0	0	0
Mercy Col (Dobbs Ferry)	0	0	0	0	0	0	0	58	0	0	0
NY Inst of Tech	0	0	0	0	0	0	0	212	0	0	0
NY Medical College	10,087	0	0	0	0	0	0	50	0	0	0
NY University	66,908	0	0	0	0	0	454	8,284	0	0	0
New School Social Rsch	188	0	0	0	0	0	0	0	0	0	0
Niagara University	0	0	0	0	0	0	38	0	0	0	0
Pace University	197	0	0	0	0	0	0	0	0	0	0
Polytechnic University	0	0	0	0	0	0	152	1,133	0	0	0
Regents Col, U of St NY	0	0	0	0	0	0	0	88	0	0	0
Rensselaer Polytech Inst	1,897	0	60	0	0	0	1,657	8,235	0	0	0
Roberts Wesleyan College	94	0	0	0	0	0	0	0	0	0	0
Rochester Inst Technology	984	0	0	0	0	0	195	530	0	0	0
Rockefeller University	43,261	0	0	0	0	0	0	1,401	0	0	0
SUNY Col Brockport	0	0	0	0	0	0	0	139	0	0	0
SUNY Col Buffalo	51	0	0	0	0	0	80	122	0	0	0
SUNY Col Cortland	0	0	0	0	0	0	0	726	0	0	0
SUNY Col Env Sci & Forest	0	0	54	0	0	0	0	632	0	0	0
SUNY Col Fredonia	0	0	0	0	0	0	0	162	0	0	0
SUNY Col Geneseo	0	0	0	0	0	0	0	205	0	0	0
SUNY Col Old Westbury	350	0	0	0	0	0	0	47	0	0	0
SUNY Col Oneonta	0	0	0	0	0	0	43	0	0	0	0
SUNY Col Oswego	0	0	0	0	0	0	0	75	0	0	0
SUNY Col Plattsburgh	283	0	0	0	0	0	0	0	0	0	0
SUNY Col Potsdam	0	0	0	0	0	0	0	15	0	0	0
SUNY Col of Optometry	304	0	0	0	0	0	0	0	0	0	0
SUNY Hlth Sci Ctr Brklyn	17,454	0	0	0	0	0	0	14	0	0	0
SUNY Hlth Sci Ctr Syracus	8,945	0	0	0	0	0	0	389	0	0	0
SUNY Nassau CC	0	0	0	0	0	0	0	81	0	0	0
SUNY Purchase Col	0	0	0	0	0	0	180	5	0	0	0
SUNY Sullivan Co CC	0	0	0	0	0	0	0	20	0	0	0
SUNY System Office	0	0	0	0	0	0	0	300	0	0	0
SUNY at Albany	8,852	0	0	0	90	0	602	3,432	0	77	0
SUNY at Binghamton	1,791	0	0	0	0	0	0	1,754	0	0	0
SUNY at Buffalo	23,797	0	0	0	0	0	441	7,007	0	0	2,000
SUNY at New Paltz	0	0	0	0	0	0	0	89	0	0	0
SUNY at Stony Brook	40,332	0	78	150	0	0	3,184	18,125	0	0	0
Siena College (Loudnvl)	0	0	0	0	0	0	0	8	0	0	0
Skidmore College	0	0	0	0	0	0	0	51	0	0	0
St John Fisher College	0	0	0	0	0	0	0	45	0	0	0
St Johns University (NY)	305	0	0	0	0	0	0	0	0	0	0
Syracuse University	4,162	0	0	0	0	0	618	4,998	0	0	0
Teachers Col Columbia U	1,819	0	0	0	0	0	0	100	0	0	0
Union Col (Schenectady)	0	0	0	0	0	0	0	124	0	0	0
University of Rochester	67,068	0	0	0	0	0	394	12,460	0	0	0
Vassar College	0	0	0	0	0	0	0	318	0	0	0
Webb Institute	0	0	0	0	0	0	0	17	0	0	0
Yeshiva University NY	72,768	0	0	0	0	0	69	382	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
North Carolina, total	465,193	13,737	4,468	34,369	32,556	1,197	616	4,596	11,056	4,528	0
Appalachian St University	410	0	0	0	0	0	0	250	0	0	0
Bennett Col (Greensboro)	26	0	0	0	0	0	0	0	0	0	0
Central Piedmont CC	245	0	0	0	0	0	0	245	0	0	0
Duke University	164,886	374	0	8,883	8,833	50	0	150	5,522	1,031	0
East Carolina University	3,973	10	45	925	15	910	0	0	0	0	0
Elizabeth City State U	1,279	0	0	338	338	0	0	0	0	0	0
Elon College	37	20	0	0	0	0	0	0	0	0	0
Fayetteville State U	178	0	0	0	0	0	0	0	15	0	0
Johnson C Smith U	216	0	0	149	149	0	0	0	0	0	0
NC Ag & Tech State U	11,050	2,820	0	2,163	2,067	0	96	0	705	96	0
NC Central University	274	30	0	50	50	0	0	0	194	0	0
NC State U at Raleigh	55,116	9,759	1,775	12,084	11,514	50	520	948	2,508	0	0
Shaw University	92	0	0	0	0	0	0	0	0	0	0
St Andrews Prsbytn Col	147	0	0	0	0	0	0	0	0	0	0
St Augustines College	38	0	0	0	0	0	0	0	0	0	0
U of NC Asheville	232	0	0	0	0	0	0	0	8	0	0
U of NC Chapel Hill	164,603	561	92	8,167	7,980	187	0	2,750	1,674	3,251	0
U of NC Charlotte	1,732	0	321	456	456	0	0	0	0	0	0
U of NC General Admin Off	480	50	0	0	0	0	0	0	430	0	0
U of NC Greensboro	2,814	3	0	0	0	0	0	253	0	0	0
U of NC Wilmington	2,969	0	2,235	0	0	0	0	0	0	0	0
Wake Forest University	53,342	96	0	1,154	1,154	0	0	0	0	150	0
Wake Technical CC	200	0	0	0	0	0	0	0	0	0	0
Western Carolina U	248	14	0	0	0	0	0	0	0	0	0
Winston Salem State U	606	0	0	0	0	0	0	0	0	0	0
North Dakota, total	31,259	5,423	0	2,776	2,776	0	0	416	14,842	492	0
North Dakota St U	9,643	4,665	0	2,111	2,111	0	0	0	272	0	0
Turtle Mountain CC	984	0	0	0	0	0	0	416	0	0	0
U of North Dakota	20,632	758	0	665	665	0	0	0	14,570	492	0
Ohio, total	351,589	8,700	1,049	46,758	41,378	4,382	998	1,278	9,154	3,581	0
Ashland University	64	0	0	0	0	0	0	0	0	0	0
Baldwin Wallace College	259	0	0	0	0	0	0	0	0	0	0
Bowling Gr St U	2,293	0	0	610	610	0	0	0	0	0	0
Case Western Reserve U	136,514	0	86	6,756	6,511	245	0	496	361	27	0
Central State U (Wilbrfc)	959	0	0	0	0	0	0	0	0	0	0
Cleveland State U	2,547	0	0	0	0	0	0	0	0	0	0
College of Wooster	157	0	0	0	0	0	0	0	0	0	0
Cuyahoga CC	45	0	0	0	0	0	0	0	0	0	0
Denison University	160	0	0	0	0	0	0	0	62	0	0
John Carroll University	259	0	0	221	221	0	0	0	0	0	0
Kent State U	6,908	0	8	1,013	1,013	0	0	0	253	106	0
Kenyon College	423	0	0	0	0	0	0	0	0	0	0
Lorain County CC	19	0	0	0	0	0	0	0	0	0	0
Medical College of Ohio	8,061	0	0	148	148	0	0	0	0	0	0
Miami University All Cmp	3,730	242	0	75	75	0	0	0	39	149	0
Midwest U Cnsrtm Intl Act	48	0	0	0	0	0	0	0	0	0	0
Northeastern OH U Col Med	1,138	0	0	0	0	0	0	0	0	0	0
Oberlin College	324	0	0	0	0	0	0	0	0	0	0
Ohio State U	91,088	8,313	610	6,464	5,271	1,098	95	227	5,706	421	0
Ohio University	6,026	0	17	2,324	1,036	1,096	192	0	547	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
North Carolina, total	335,754	25	208	220	65	0	6,944	44,212	0	0	5,011
Appalachian St University	33	0	0	0	0	0	0	127	0	0	0
Bennett Col (Greensboro)	26	0	0	0	0	0	0	0	0	0	0
Central Piedmont CC	0	0	0	0	0	0	0	0	0	0	0
Duke University	138,118	0	0	0	0	0	696	9,813	0	0	299
East Carolina University	2,675	0	19	0	0	0	26	273	0	0	0
Elizabeth City State U	38	0	2	0	0	0	560	341	0	0	0
Elon College	0	0	0	0	0	0	0	17	0	0	0
Fayetteville State U	0	0	0	0	0	0	100	63	0	0	0
Johnson C Smith U	0	0	0	0	0	0	67	0	0	0	0
NC Ag & Tech State U	32	0	0	0	0	0	2,490	1,812	0	0	932
NC Central University	0	0	0	0	0	0	0	0	0	0	0
NC State U at Raleigh	7,242	10	187	220	65	0	2,408	16,900	0	0	1,010
Shaw University	92	0	0	0	0	0	0	0	0	0	0
St Andrews Prsbytn Col	0	0	0	0	0	0	0	147	0	0	0
St Augustines College	38	0	0	0	0	0	0	0	0	0	0
U of NC Asheville	98	0	0	0	0	0	0	126	0	0	0
U of NC Chapel Hill	135,364	15	0	0	0	0	436	9,523	0	0	2,770
U of NC Charlotte	253	0	0	0	0	0	0	702	0	0	0
U of NC General Admin Off	0	0	0	0	0	0	0	0	0	0	0
U of NC Greensboro	673	0	0	0	0	0	50	1,835	0	0	0
U of NC Wilmington	217	0	0	0	0	0	0	517	0	0	0
Wake Forest University	50,218	0	0	0	0	0	83	1,641	0	0	0
Wake Technical CC	0	0	0	0	0	0	0	200	0	0	0
Western Carolina U	91	0	0	0	0	0	0	143	0	0	0
Winston Salem State U	546	0	0	0	0	0	28	32	0	0	0
North Dakota, total	2,678	0	78	0	0	1	387	3,231	0	0	935
North Dakota St U	680	0	78	0	0	1	0	901	0	0	935
Turtle Mountain CC	0	0	0	0	0	0	0	568	0	0	0
U of North Dakota	1,998	0	0	0	0	0	387	1,762	0	0	0
Ohio, total	222,908	14	533	48	25	5,100	14,044	36,044	0	0	2,353
Ashland University	64	0	0	0	0	0	0	0	0	0	0
Baldwin Wallace College	0	0	0	0	0	0	49	210	0	0	0
Bowling Gr St U	567	0	0	0	0	0	0	1,116	0	0	0
Case Western Reserve U	120,548	0	0	0	0	0	3,331	4,639	0	0	270
Central State U (Wilbrfc)	0	0	0	0	0	0	959	0	0	0	0
Cleveland State U	617	14	0	0	25	0	1,539	352	0	0	0
College of Wooster	0	0	0	0	0	0	0	157	0	0	0
Cuyahoga CC	0	0	0	0	0	0	45	0	0	0	0
Denison University	98	0	0	0	0	0	0	0	0	0	0
John Carroll University	0	0	0	0	0	0	0	38	0	0	0
Kent State U	1,932	0	0	0	0	0	203	3,393	0	0	0
Kenyon College	0	0	0	0	0	0	0	423	0	0	0
Lorain County CC	0	0	0	0	0	0	19	0	0	0	0
Medical College of Ohio	7,472	0	0	0	0	0	0	441	0	0	0
Miami University All Cmp	578	0	0	0	0	0	78	2,569	0	0	0
Midwest U Cnsrtm Intl Act	0	0	0	48	0	0	0	0	0	0	0
Northeastern OH U Col Med	938	0	0	0	0	0	0	200	0	0	0
Oberlin College	92	0	0	0	0	0	0	232	0	0	0
Ohio State U	44,594	0	533	0	0	5,100	5,159	13,484	0	0	0
Ohio University	1,243	0	0	0	0	0	176	729	0	0	477
											990

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
Ohio, continued											
Ohio Wesleyan University	237	0	0	133	133	0	0	0	0	0	0
Sinclair Community Col	1,000	0	0	0	0	0	0	0	0	0	0
Stark State Col of Tech	7	0	0	0	0	0	0	0	0	0	0
U of Akron	3,715	0	90	327	327	0	0	0	206	91	0
U of Cincinnati	49,925	0	238	3,768	2,292	1,476	0	130	1,748	2,687	0
U of Dayton	24,275	0	0	22,817	21,958	388	471	0	0	100	0
U of Toledo	2,586	145	0	172	172	0	0	0	122	0	0
Wilberforce University	238	0	0	0	0	0	0	0	110	0	0
Wright State U	8,439	0	0	1,930	1,611	79	240	425	0	0	0
Youngstown State U	145	0	0	0	0	0	0	0	0	0	0
Oklahoma, total	49,049	7,157	778	5,370	3,395	60	1,915	0	2,991	474	0
Cameron University	13	0	0	0	0	0	0	0	0	0	0
East Central University	334	12	0	0	0	0	0	0	0	0	0
Langston University	1,576	1,556	0	0	0	0	0	0	20	0	0
Northeastern State U	91	0	0	0	0	0	0	0	0	0	0
Oklahoma St U	17,246	5,273	0	4,506	2,531	60	1,915	0	786	180	0
Southeastern OK St U	96	5	0	0	0	0	0	0	0	0	0
U of Oklahoma	26,604	252	778	835	835	0	0	0	1,786	294	0
U of Tulsa	3,089	59	0	29	29	0	0	0	399	0	0
Oregon, total	138,188	11,631	2,455	14,327	14,057	153	117	1,996	9,489	4,143	0
Central Oregon CC	27	27	0	0	0	0	0	0	0	0	0
Chemeketa CC	1,000	0	0	0	0	0	0	0	0	0	0
Eastern Oregon State Col	291	0	0	0	0	0	0	0	0	0	0
Lewis & Clark College	247	0	0	0	0	0	0	0	0	0	0
Linfield College	18	18	0	0	0	0	0	0	0	0	0
Linn Benton Community Col	50	0	0	0	0	0	0	0	0	0	0
Oregon Grad Inst Sci Tech	10,161	0	0	6,071	6,004	0	67	0	644	234	0
Oregon Hlth Sciences U	46,810	0	0	149	149	0	0	0	4,684	0	0
Oregon Institute of Tech	480	0	0	0	0	0	0	0	480	0	0
Oregon State University	51,352	11,238	2,455	5,918	5,715	153	50	0	640	3,686	0
Portland State U (OR)	2,843	0	0	318	318	0	0	675	90	133	0
Reed College	473	0	0	0	0	0	0	0	0	0	0
Southern Oregon U	113	0	0	0	0	0	0	0	0	0	0
University of Oregon	23,961	348	0	1,871	1,871	0	0	1,321	2,951	90	0
University of Portland	55	0	0	0	0	0	0	0	0	0	0
Western States Chiro Col	240	0	0	0	0	0	0	0	0	0	0
Willamette University	67	0	0	0	0	0	0	0	0	0	0
Pennsylvania, total	757,222	9,436	1,468	118,942	92,529	16,585	9,828	5,309	22,457	3,561	0
Allegheny College	71	0	0	0	0	0	0	0	0	0	0
Allegheny U Hlth Sciences	24,610	0	0	241	241	0	0	0	0	0	0
Beaver College (Glenside)	121	0	0	0	0	0	0	0	0	0	0
Bryn Mawr College	1,024	0	0	0	0	0	0	0	0	0	0
Bucknell University	145	0	0	0	0	0	0	0	0	0	0
CC Allegheny Co All Cmp	202	0	0	0	0	0	0	0	0	0	0
CC Philadelphia	209	0	0	0	0	0	0	0	0	0	0
California U of PA	147	0	147	0	0	0	0	0	0	0	0
Carlow College	24	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U	97,078	0	398	40,674	38,415	1,320	939	0	6,196	673	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Ohio, continued:											
Ohio Wesleyan University	0	0	0	0	0	0	0	104	0	0	0
Sinclair Community Col	0	0	0	0	0	0	0	1,000	0	0	0
Stark State Col of Tech	0	0	0	0	0	0	0	7	0	0	0
U of Akron	763	0	0	0	0	0	764	1,384	0	0	90
U of Cincinnati	37,587	0	0	0	0	0	439	3,328	0	0	0
U of Dayton	114	0	0	0	0	0	158	560	0	0	526
U of Toledo	864	0	0	0	0	0	973	310	0	0	0
Wilberforce University	0	0	0	0	0	0	75	53	0	0	0
Wright State U	4,837	0	0	0	0	0	40	1,207	0	0	0
Youngstown State U	0	0	0	0	0	0	37	108	0	0	0
Oklahoma, total	21,176	0	28	0	0	0	498	9,901	0	0	676
Cameron University	0	0	0	0	0	0	0	13	0	0	0
East Central University	322	0	0	0	0	0	0	0	0	0	0
Langston University	0	0	0	0	0	0	0	0	0	0	0
Northeastern State U	91	0	0	0	0	0	0	0	0	0	0
Oklahoma St U	2,366	0	28	0	0	0	140	3,967	0	0	0
Southeastern OK St U	91	0	0	0	0	0	0	0	0	0	0
U of Oklahoma	18,130	0	0	0	0	0	316	3,537	0	0	676
U of Tulsa	176	0	0	0	0	0	42	2,384	0	0	0
Oregon, total	62,157	0	756	0	0	0	4,412	25,582	685	0	555
Central Oregon CC	0	0	0	0	0	0	0	0	0	0	0
Chemeketa CC	0	0	0	0	0	0	0	1,000	0	0	0
Eastern Oregon State Col	0	0	0	0	0	0	0	291	0	0	0
Lewis & Clark College	0	0	0	0	0	0	0	247	0	0	0
Linfield College	0	0	0	0	0	0	0	0	0	0	0
Linn Benton Community Col	0	0	0	0	0	0	0	50	0	0	0
Oregon Grad Inst Sci Tech	1,465	0	80	0	0	0	136	1,531	0	0	0
Oregon Hlth Sciences U	41,254	0	0	0	0	0	240	483	0	0	0
Oregon Institute of Tech	0	0	0	0	0	0	0	0	0	0	0
Oregon State University	7,768	0	513	0	0	0	3,748	14,584	685	0	117
Portland State U (OR)	1,140	0	0	0	0	0	0	487	0	0	0
Reed College	275	0	0	0	0	0	0	198	0	0	0
Southern Oregon U	0	0	0	0	0	0	0	113	0	0	0
University of Oregon	10,015	0	163	0	0	0	288	6,476	0	0	438
University of Portland	0	0	0	0	0	0	0	55	0	0	0
Western States Chiro Col	240	0	0	0	0	0	0	0	0	0	0
Willamette University	0	0	0	0	0	0	0	67	0	0	0
Pennsylvania, total	472,172	236	202	0	239	0	14,447	105,613	590	0	2,550
Allegheny College	0	0	0	0	0	0	0	71	0	0	0
Allegheny U Hlth Sciences	24,269	0	0	0	0	0	0	100	0	0	0
Beaver College (Glenside)	121	0	0	0	0	0	0	0	0	0	0
Bryn Mawr College	381	0	0	0	0	0	0	643	0	0	0
Bucknell University	0	0	0	0	0	0	0	145	0	0	0
CC Allegheny Co All Cmp	202	0	0	0	0	0	0	0	0	0	0
CC Philadelphia	0	0	0	0	0	0	0	209	0	0	0
California U of PA	0	0	0	0	0	0	0	0	0	0	0
Carlow College	0	0	0	0	0	0	0	24	0	0	0
Carnegie Mellon U	8,938	0	0	0	0	0	3,671	34,888	0	0	1,640

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
Pennsylvania, continued:											
Chestnut Hill College	8	0	0	0	0	0	0	0	0	0	0
Clarion U of PA	142	0	0	0	0	0	0	0	0	0	0
College Misericordia	48	0	0	0	0	0	0	0	0	0	0
Dickinson College	822	0	0	0	0	0	0	0	0	0	0
Drexel University	8,051	122	39	1,198	1,198	0	0	0	220	0	0
Duquesne University	260	0	0	0	0	0	0	0	0	0	0
Elizabethtown College	91	0	0	0	0	0	0	0	0	0	0
Franklin & Marshall Col	501	0	0	0	0	0	0	0	0	0	0
Geneva College	62	0	0	0	0	0	0	0	0	0	0
Gettysburg College	50	0	0	0	0	0	0	0	0	0	0
Haverford College	629	0	0	0	0	0	0	0	0	0	0
Indiana U of PA	400	0	0	0	0	0	0	0	0	0	0
Juniata College	419	0	0	0	0	0	0	0	0	0	0
Lafayette College	113	0	0	0	0	0	0	0	0	0	0
Lehigh University	12,887	0	60	4,239	3,993	246	0	0	896	0	0
Lincoln U (Linc U PA)	736	0	0	718	718	0	0	0	0	0	0
Mansfield U of PA	7	0	0	0	0	0	0	0	0	0	0
Millersville U of PA	83	0	0	0	0	0	0	0	0	0	0
PA Col of Optometry	99	0	0	0	0	0	0	0	0	0	0
PA St U University Park	155,468	8,989	379	50,062	30,999	10,924	8,139	243	5,161	1,675	0
Phila Col Osteopathic Med	120	0	0	50	0	0	50	0	0	0	0
Phila Col of Pharm & Sci	193	0	0	0	0	0	0	0	0	0	0
Phila Col of Text & Sci	50	0	0	50	50	0	0	0	0	0	0
Slippery Rock U of PA	94	0	0	0	0	0	0	0	0	0	0
St Francis Col (Loretto)	4,184	0	0	4,184	4,184	0	0	0	0	0	0
Susquehanna University	104	0	0	0	0	0	0	0	0	0	0
Swarthmore College	533	0	0	0	0	0	0	0	0	0	0
Temple University	23,189	0	0	405	405	0	0	0	339	0	0
Thomas Jefferson U	50,212	0	0	483	483	0	0	373	0	43	0
U of Pennsylvania	218,840	325	350	12,719	8,363	3,656	700	2,800	8,003	825	0
U of Pittsburgh	154,030	0	95	3,784	3,345	439	0	1,893	1,642	305	0
U of Scranton	90	0	0	0	0	0	0	0	0	0	0
Villanova University	919	0	0	117	117	0	0	0	0	0	0
West Chester U of PA	157	0	0	18	18	0	0	0	0	40	0
Rhode Island, total	60,542	1,592	3,104	11,917	11,620	297	0	0	2,952	272	0
Brown University	40,026	61	25	8,551	8,551	0	0	0	2,927	0	0
Rhode Island College	459	0	0	75	75	0	0	0	0	0	0
Roger Williams U All Cmp	20	0	0	0	0	0	0	0	0	0	0
U of Rhode Island	20,037	1,531	3,079	3,291	2,994	297	0	0	25	272	0
South Carolina, total	89,646	5,989	2,225	16,701	11,297	432	4,972	0	22,635	295	0
Benedict College	690	0	0	0	0	0	0	0	0	0	0
Citadel Military Col SC	34	0	0	0	0	0	0	0	0	0	0
Claflin College	122	0	0	0	0	0	0	0	0	0	0
Clemson University	20,565	4,597	0	4,332	3,884	0	448	0	8,147	134	0
College of Charleston	488	0	34	13	13	0	0	0	0	0	0
Furman University	547	0	0	0	0	0	0	0	109	0	0
Medical U of S Carolina	38,766	48	0	4,903	379	0	4,524	0	9,015	81	0
Midlands Tech College	180	0	180	0	0	0	0	0	0	0	0
SC Sea Grant Consortium	1,906	0	1,906	0	0	0	0	0	0	0	0
SC State University	2,232	1,328	0	0	0	0	0	0	254	0	0
U of SC All Campuses	24,116	16	105	7,453	7,021	432	0	0	5,110	80	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Pennsylvania, continued											
Chestnut Hill College	0	0	0	0	0	0	0	8	0	0	0
Clarion U of PA	0	0	0	0	0	0	0	142	0	0	0
College Misericordia	0	0	0	0	0	0	0	48	0	0	0
Dickinson College	0	0	0	0	0	0	0	822	0	0	0
Drexel University	1,400	0	0	0	0	0	315	4,757	0	0	0
Duquesne University	193	0	0	0	0	0	0	67	0	0	0
Elizabethtown College	91	0	0	0	0	0	0	0	0	0	0
Franklin & Marshall Col	0	0	0	0	0	0	25	476	0	0	0
Geneva College	0	0	0	0	0	0	0	62	0	0	0
Gettysburg College	0	0	0	0	0	0	0	50	0	0	0
Haverford College	0	0	0	0	0	0	21	608	0	0	0
Indiana U of PA	315	0	0	0	0	0	0	85	0	0	0
Juniata College	34	0	0	0	0	0	0	385	0	0	0
Lafayette College	0	0	0	0	0	0	0	113	0	0	0
Lehigh University	604	0	50	0	0	0	45	6,943	50	0	0
Lincoln U (Linc U PA)	0	0	0	0	0	0	0	18	0	0	0
Mansfield U of PA	0	0	0	0	0	0	0	7	0	0	0
Millersville U of PA	0	0	0	0	0	0	0	83	0	0	0
PA Col of Optometry	99	0	0	0	0	0	0	0	0	0	0
PA St U University Park	54,167	0	152	0	0	0	8,250	24,940	540	0	910
Phila Col Osteopathic Med	70	0	0	0	0	0	0	0	0	0	0
Phila Col of Pharm & Sci	173	0	0	0	0	0	0	20	0	0	0
Phila Col of Text & Sci	0	0	0	0	0	0	0	0	0	0	0
Slippery Rock U of PA	0	0	0	0	0	0	0	94	0	0	0
St Francis Col (Loretto)	0	0	0	0	0	0	0	0	0	0	0
Susquehanna University	104	0	0	0	0	0	0	0	0	0	0
Swarthmore College	111	0	0	0	0	0	0	422	0	0	0
Temple University	19,772	50	0	0	49	0	0	2,574	0	0	0
Thomas Jefferson U	49,084	0	0	0	0	0	0	229	0	0	0
U of Pennsylvania	177,236	186	0	0	0	0	996	15,400	0	0	0
U of Pittsburgh	134,704	0	0	0	190	0	925	10,492	0	0	0
U of Scranton	0	0	0	0	0	0	0	90	0	0	0
Villanova University	104	0	0	0	0	0	199	499	0	0	0
West Chester U of PA	0	0	0	0	0	0	0	99	0	0	0
Rhode Island, total	23,289	0	458	0	0	0	2,077	14,873	8	0	0
Brown University	17,643	0	0	0	0	0	1,442	9,369	8	0	0
Rhode Island College	0	0	0	0	0	0	0	384	0	0	0
Roger Williams U All Cmp	0	0	0	0	0	0	0	20	0	0	0
U of Rhode Island	5,646	0	458	0	0	0	635	5,100	0	0	0
South Carolina, total	32,236	0	282	50	258	0	1,659	7,316	0	0	0
Benedict College	588	0	0	0	0	0	0	102	0	0	0
Citadel Military Col SC	0	0	0	0	0	0	34	0	0	0	0
Claflin College	0	0	0	0	0	0	0	122	0	0	0
Clemson University	355	0	115	50	0	0	676	2,159	0	0	0
College of Charleston	0	0	0	0	0	0	8	433	0	0	0
Furman University	140	0	0	0	0	0	28	270	0	0	0
Medical U of S Carolina	24,277	0	0	0	0	0	0	442	0	0	0
Midlands Tech College	0	0	0	0	0	0	0	0	0	0	0
SC Sea Grant Consortium	0	0	0	0	0	0	0	0	0	0	0
SC State University	0	0	0	0	0	0	650	0	0	0	0
U of SC All Campuses	6,876	0	167	0	258	0	263	3,788	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
South Dakota, total	8,529	2,587	200	963	963	0	0	0	0	0	0
Augustana Col (Sioux Fls)	115	0	0	0	0	0	0	0	0	0	0
Northern State University	70	0	0	0	0	0	0	0	0	0	0
Oglala Lakota College	262	0	0	0	0	0	0	0	0	0	0
SD School Mines & Tech	2,782	0	200	588	588	0	0	0	0	0	0
SD State University	3,095	2,587	0	375	375	0	0	0	0	0	0
U of S Dakota	1,551	0	0	0	0	0	0	0	0	0	0
U of S Dakota Sys Off	654	0	0	0	0	0	0	0	0	0	0
Tennessee, total	170,472	8,782	124	12,066	10,335	835	896	869	7,138	985	0
Austin Peay State U	4	0	0	0	0	0	0	0	0	0	0
East Tennessee State U	800	228	0	0	0	0	0	0	0	0	0
Fisk University	1,663	0	0	383	205	178	0	0	187	0	0
Knoxville College	197	0	0	197	197	0	0	0	0	0	0
Lincoln Memorial U	8	8	0	0	0	0	0	0	0	0	0
Meharry Medical College	9,920	0	0	942	880	62	0	0	0	0	0
Middle TN State U	42	0	0	0	0	0	0	0	0	0	0
Nashville State Tech Inst	220	0	0	0	0	0	0	0	0	0	0
Rhodes College	199	0	0	0	0	0	0	0	0	0	0
Tennessee State U	8,411	2,393	0	834	239	595	0	0	0	0	0
Tennessee Technological U	532	24	0	53	53	0	0	0	221	123	0
Tusculum College	24	0	0	0	0	0	0	0	0	0	0
U of Memphis	5,285	264	0	0	0	0	0	370	19	0	0
U of Tennessee Chtnooga	804	0	0	0	0	0	0	0	772	0	0
U of Tennessee Knoxville	24,169	5,703	71	3,576	2,680	0	896	0	2,767	862	0
U of Tennessee Memphis	23,451	83	0	432	432	0	0	0	0	0	0
U of Tennessee U-Wide Adm	2,693	79	53	194	194	0	0	0	2,167	0	0
Vanderbilt University	92,050	0	0	5,455	5,455	0	0	499	1,005	0	0
Texas, total	683,203	16,323	4,107	84,181	49,307	11,424	23,450	1,570	24,699	2,407	0
Abilene Christian U	119	0	0	0	0	0	0	0	119	0	0
Baylor Col of Medicine	92,211	243	0	3,296	1,982	363	951	1,050	0	0	0
Baylor University	1,913	15	0	0	0	0	0	0	950	0	0
El Paso Community College	72	0	0	0	0	0	0	0	0	72	0
Huston-Tillotson College	148	0	0	0	0	0	0	0	0	0	0
Jarvis Christian College	166	0	0	166	166	0	0	0	0	0	0
Lamar University	224	0	0	0	0	0	0	121	0	0	0
Laredo Community College	20	0	0	0	0	0	0	0	0	0	0
Our Lady of the Lake U	317	0	0	317	317	0	0	0	0	0	0
Panola College	181	0	0	0	0	0	0	0	0	0	0
Prairie View A&M U	4,791	2,555	0	932	932	0	0	0	506	0	0
Rice University	28,688	0	49	3,283	2,927	0	356	0	2,352	410	0
Sam Houston State U	1,268	108	0	1,160	0	1,160	0	0	0	0	0
Southern Methodist U	3,610	0	0	811	811	0	0	0	373	0	0
Southwest Texas St U	632	186	0	0	0	0	0	0	0	0	0
Stephen F Austin St U	390	390	0	0	0	0	0	0	0	0	0
Tarleton State University	7,617	770	0	0	0	0	0	0	0	730	0
Texas A&M International U	1,880	0	0	0	0	0	0	0	0	0	0
Texas A&M U	51,283	10,357	1,747	3,806	3,627	74	105	0	3,546	212	0
Texas A&M U Commerce	130	0	0	0	0	0	0	0	0	0	0
Texas A&M U Corpus Chrsti	405	0	282	73	73	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
South Dakota, total	654	0	35	0	0	0	1,031	3,009	0	0	50
Augustana Col (Sioux Fls)	0	0	0	0	0	0	0	115	0	0	0
Northern State University	0	0	0	0	0	0	0	70	0	0	0
'Oglala Lakota College	0	0	0	0	0	0	0	262	0	0	0
SD School Mines & Tech	0	0	0	0	0	0	1,031	963	0	0	0
SD State University	0	0	35	0	0	0	0	98	0	0	0
U of S Dakota	0	0	0	0	0	0	0	1,501	0	0	50
U of S Dakota Sys Off	654	0	0	0	0	0	0	0	0	0	0
Tennessee, total	121,566	0	1,984	0	0	0	5,523	10,421	0	0	1,014
Austin Peay State U	0	0	4	0	0	0	0	0	0	0	0
East Tennessee State U	563	0	0	0	0	0	0	9	0	0	0
Fisk University	0	0	0	0	0	0	981	112	0	0	0
Knoxville College	0	0	0	0	0	0	0	0	0	0	0
Lincoln Memorial U	0	0	0	0	0	0	0	0	0	0	0
Meharry Medical College	8,199	0	0	0	0	0	0	779	0	0	0
Middle TN State U	0	0	0	0	0	0	42	0	0	0	0
Nashville State Tech Inst	0	0	0	0	0	0	0	220	0	0	0
Rhodes College	0	0	0	0	0	0	41	158	0	0	0
Tennessee State U	914	0	0	0	0	0	2,707	1,563	0	0	0
Tennessee Technological U	0	0	0	0	0	0	0	111	0	0	0
Tusculum College	0	0	0	0	0	0	0	24	0	0	0
U of Memphis	3,868	0	358	0	0	0	95	311	0	0	0
U of Tennessee Chtnooga	0	0	0	0	0	0	0	32	0	0	0
U of Tennessee Knoxville	4,433	0	1,602	0	0	0	573	3,568	0	0	1,014
U of Tennessee Memphis	22,401	0	0	0	0	0	0	535	0	0	0
U of Tennessee U-Wide Adm	0	0	20	0	0	0	0	180	0	0	0
Vanderbilt University	81,188	0	0	0	0	0	1,084	2,819	0	0	0
Texas, total	437,361	15	2,240	0	389	1	31,736	76,277	319	0	1,578
Abilene Christian U	0	0	0	0	0	0	0	0	0	0	0
Baylor Col of Medicine	86,873	0	0	0	0	0	749	0	0	0	0
Baylor University	0	0	19	0	0	0	0	929	0	0	0
El Paso Community College	0	0	0	0	0	0	0	0	0	0	0
Huston Tillotson College	0	0	0	0	0	0	148	0	0	0	0
Jarvis Christian College	0	0	0	0	0	0	0	0	0	0	0
Lamar University	0	0	0	0	0	0	53	50	0	0	0
Laredo Community College	0	0	0	0	0	0	0	20	0	0	0
Our Lady of the Lake U	0	0	0	0	0	0	0	0	0	0	0
Panola College	0	0	0	0	0	0	0	181	0	0	0
Prairie View A&M U	0	0	0	0	0	0	747	51	0	0	0
Rice University	3,963	0	106	0	0	0	3,161	15,364	0	0	0
Sam Houston State U	0	0	0	0	0	0	0	0	0	0	0
Southern Methodist U	1,255	0	0	0	0	0	47	1,124	0	0	0
Southwest Texas St U	39	0	0	0	0	0	50	357	0	0	0
Stephen F Austin St U	0	0	0	0	0	0	0	0	0	0	0
Tarleton State University	6,117	0	0	0	0	0	0	0	0	0	0
Texas A&M International U	0	0	1,880	0	0	0	0	0	0	0	0
Texas A&M U	14,621	0	0	0	0	0	2,994	13,008	116	0	876
Texas A&M U Commerce	0	0	0	0	0	0	0	130	0	0	0
Texas A&M U Corpus Chrsti	0	0	0	0	0	0	0	50	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
Texas, continued											
Texas A&M U Galveston	1,176	0	0	1,176	0	0	1,176	0	0	0	0
Texas A&M U Kingsville	795	0	0	0	0	0	0	0	0	0	0
Texas A&M U Sys Baylor	451	0	0	0	0	0	0	0	0	0	0
Texas A&M U System Office	2,934	665	180	614	614	0	0	0	1,387	0	0
Texas Christian U	2,647	0	30	0	0	0	0	0	0	0	0
Texas Southern U	2,146	0	0	0	0	0	0	0	0	0	0
Texas Southmost College	151	0	0	0	0	0	0	0	0	0	0
Texas State Tech Col	1,308	95	153	0	0	0	0	0	0	0	0
Texas Tech University	9,496	554	0	3,683	3,533	0	150	0	583	446	0
Texas Womans University	733	0	0	117	117	0	0	150	0	0	0
Trinity University	847	0	0	0	0	0	0	0	0	0	0
U of Dallas	547	0	0	0	0	0	0	0	0	0	0
U of Houston	18,057	15	26	884	884	0	0	0	1,034	90	0
U of Houston Clear Lake	2,863	35	0	0	0	0	0	0	0	0	0
U of Houston Downtown	828	0	0	25	25	0	0	0	0	0	0
U of Houston Sys Admin	312	0	0	312	312	0	0	0	0	0	0
U of N Texas	1,842	0	0	362	152	35	175	0	138	100	0
U of N Texas Hlth Sci Ctr	3,726	0	0	0	0	0	0	0	0	0	0
U of TX Arlington	7,043	0	0	4,642	4,582	0	60	0	500	102	0
U of TX Austin	104,489	296	1,168	47,510	19,052	8,233	20,225	0	10,343	245	0
U of TX Dallas	3,862	0	0	781	721	0	60	0	299	0	0
U of TX El Paso	15,787	0	472	1,936	1,744	0	192	0	0	0	0
U of TX Hlth Sci Houston	65,399	39	0	590	353	237	0	0	325	0	0
U of TX Hlth Sci S Anto	50,446	0	0	1,219	1,219	0	0	0	6	0	0
U of TX MD Anderson Cancr	55,541	0	0	2,421	1,890	531	0	0	0	0	0
U of TX Med Brnch Galvstn	41,517	0	0	1,576	785	791	0	0	670	0	0
U of TX Pan American	538	0	0	0	0	0	0	0	0	0	0
U of TX SW Med Ctr Dals	84,331	0	0	1,209	1,209	0	0	249	1,568	0	0
U of TX San Antonio	6,253	0	0	1,280	1,280	0	0	0	0	0	0
U of TX Tyler	660	0	0	0	0	0	0	0	0	0	0
U of the Incarnate Word	42	0	0	0	0	0	0	0	0	0	0
Wiley College	371	0	0	0	0	0	0	0	0	0	0
Utah, total	123,031	4,069	474	24,326	11,493	12,756	77	223	6,801	484	0
Brigham Young U	4,498	51	0	764	764	0	0	0	102	127	0
Southern Utah University	3	0	0	0	0	0	0	0	0	0	0
University of Utah	88,622	0	474	5,796	5,719	0	77	0	6,539	0	0
Utah State University	29,385	4,018	0	17,766	5,010	12,756	0	223	160	157	0
Utah Valley State College	155	0	0	0	0	0	0	0	0	0	0
Weber State University	268	0	0	0	0	0	0	0	0	200	0
Westminster Col Salt Lake	100	0	0	0	0	0	0	0	0	0	0
Vermont, total	35,184	3,725	91	1,419	1,419	0	0	1,020	1,023	74	0
Middlebury College	269	0	0	0	0	0	0	0	0	0	0
University of Vermont	34,749	3,725	0	1,419	1,419	0	0	1,020	1,023	0	0
Vermont Technical College	166	0	91	0	0	0	0	0	0	74	0
Virginia, total	218,386	8,134	2,291	22,479	21,032	1,037	410	2,143	21,182	900	0
Col William & Mary All C	8,148	10	603	1,237	987	0	250	0	662	150	0
Eastern VA Medical Schl	8,651	0	0	0	0	0	0	0	0	0	0
Ferrum College	54	0	0	0	0	0	0	0	0	0	0
George Mason University	6,971	15	0	3,011	2,622	229	160	0	14	87	0
Hampden Sydney College	51	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Texas, continued											
Texas A&M U Galveston	0	0	0	0	0	0	0	0	0	0	0
Texas A&M U Kingsville	587	0	0	0	0	0	112	96	0	0	0
Texas A&M U Sys Baylor	451	0	0	0	0	0	0	0	0	0	0
Texas A&M U System Office	68	0	20	0	0	0	0	0	0	0	0
Texas Christian U	1,825	0	0	0	178	0	0	614	0	0	0
Texas Southern U	1,337	0	0	0	0	0	655	10	0	0	144
Texas Southmost College	0	0	0	0	0	0	151	0	0	0	0
Texas State Tech Col	0	0	0	0	0	0	0	1,060	0	0	0
Texas Tech University	2,846	0	0	0	0	0	191	1,193	0	0	0
Texas Womans University	466	0	0	0	0	0	0	0	0	0	0
Trinity University	345	0	0	0	0	0	0	502	0	0	0
U of Dallas	0	0	0	0	0	0	0	547	0	0	0
U of Houston	5,462	0	20	0	64	0	7,004	3,409	49	0	0
U of Houston Clear Lake	0	0	0	0	0	0	2,755	73	0	0	0
U of Houston Downtown	0	0	0	0	0	0	0	803	0	0	0
U of Houston Sys Admin	0	0	0	0	0	0	0	0	0	0	0
U of N Texas	596	0	0	0	0	1	220	425	0	0	0
U of N Texas Hlth Sci Ctr	3,420	0	0	0	0	0	225	81	0	0	0
U of TX Arlington	123	0	27	0	0	0	200	1,324	0	0	125
U of TX Austin	18,420	15	50	0	0	0	6,983	18,872	154	0	433
U of TX Dallas	1,103	0	0	0	0	0	505	1,174	0	0	0
U of TX El Paso	1,731	0	118	0	0	0	1,855	9,675	0	0	0
U of TX Hlth Sci Houston	63,301	0	0	0	147	0	740	257	0	0	0
U of TX Hlth Sci S Anto	48,802	0	0	0	0	0	115	304	0	0	0
U of TX MD Anderson Cancr	52,953	0	0	0	0	0	0	167	0	0	0
U of TX Med Brnch Galvstn	38,545	0	0	0	0	0	365	361	0	0	0
U of TX Pan American	0	0	0	0	0	0	419	119	0	0	0
U of TX SW Med Ctr Dals	79,886	0	0	0	0	0	430	989	0	0	0
U of TX San Antonio	1,252	0	0	0	0	0	862	2,859	0	0	0
U of TX Tyler	660	0	0	0	0	0	0	0	0	0	0
U of the Incarnate Word	42	0	0	0	0	0	0	0	0	0	0
Wiley College	272	0	0	0	0	0	0	99	0	0	0
Utah, total	63,104	0	651	0	0	0	3,893	19,006	0	0	0
Brigham Young U	1,125	0	0	0	0	0	275	2,054	0	0	0
Southern Utah University	0	0	0	0	0	0	0	3	0	0	0
University of Utah	60,287	0	496	0	0	0	986	14,044	0	0	0
Utah State University	1,692	0	155	0	0	0	2,632	2,582	0	0	0
Utah Valley State College	0	0	0	0	0	0	0	155	0	0	0
Weber State University	0	0	0	0	0	0	0	68	0	0	0
Westminster Col Salt Lake	0	0	0	0	0	0	0	100	0	0	0
Vermont, total	24,392	0	57	0	0	1	277	3,105	0	0	0
Middlebury College	232	0	0	0	0	0	37	0	0	0	0
University of Vermont	24,160	0	57	0	0	0	240	3,105	0	0	0
Vermont Technical College	0	0	0	0	0	1	0	0	0	0	0
Virginia, total	103,173	0	461	4,933	0	299	16,146	35,003	90	111	1,041
Col William & Mary All C	319	0	243	0	0	0	1,398	3,526	0	0	0
Eastern VA Medical Schl	3,587	0	0	4,933	0	0	131	0	0	0	0
Ferrum College	0	0	0	0	0	0	0	54	0	0	0
George Mason University	362	0	0	0	0	0	1,187	2,065	0	0	230
Hampden Sydney College	0	0	0	0	0	0	51	0	0	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
Virginia, continued:											
Hampton University	8,015	0	0	2,640	2,640	0	0	0	1,262	150	0
Hollins College	27	0	0	0	0	0	0	0	0	0	0
James Madison University	702	181	0	0	0	0	0	0	0	0	0
Longwood College	56	0	0	0	0	0	0	0	0	0	0
Norfolk State University	887	0	0	0	0	0	0	0	75	16	0
Old Dominion University	8,092	0	84	994	813	181	0	0	826	35	0
Radford University	117	0	58	0	0	0	0	0	0	0	0
Sweet Briar College	114	0	0	0	0	0	0	0	0	0	0
U of Richmond	584	0	0	84	84	0	0	0	107	0	0
U of Virginia	84,141	0	1,466	6,323	5,905	418	0	273	3,354	250	0
Virginia Commonwealth U	44,639	0	0	883	804	79	0	1,657	266	160	0
Virginia Military Inst	87	54	0	0	0	0	0	0	0	0	0
Virginia Poly Inst & St U	44,470	5,822	80	7,307	7,177	130	0	213	14,448	35	0
Virginia State University	2,309	2,052	0	0	0	0	0	0	168	17	0
Virginia Union University	130	0	0	0	0	0	0	0	0	0	0
Washington & Lee U	4	0	0	0	0	0	0	0	0	0	0
Wytheville CC	137	0	0	0	0	0	0	0	0	0	0
Washington, total	340,761	11,042	5,071	31,088	24,779	4,303	2,006	1,258	21,319	2,068	0
Bellevue CC	992	0	0	0	0	0	0	0	0	0	0
Central Washington U	268	14	0	0	0	0	0	0	0	0	0
Eastern Washington U	230	0	0	0	0	0	0	201	0	0	0
Edmonds Community College	399	0	0	0	0	0	0	0	0	0	0
Evergreen State College	192	0	0	0	0	0	0	0	0	0	0
Gonzaga University	4	0	0	0	0	0	0	0	0	0	0
Green River CC	20	0	0	0	0	0	0	0	0	0	0
John Bastyr Col Nat Med	130	0	0	0	0	0	0	0	0	0	0
Lake Washington Tech Col	1	0	0	0	0	0	0	0	0	0	0
Northwest Indian College	204	0	0	0	0	0	0	0	0	0	0
Pacific Lutheran U	37	0	0	0	0	0	0	0	0	0	0
Seattle Community College	300	0	0	0	0	0	0	0	0	0	0
Seattle University	59	0	0	0	0	0	0	0	0	0	0
University of Puget Sound	267	0	0	0	0	0	0	200	0	0	0
University of Washington	309,853	3,535	4,895	28,573	22,264	4,303	2,006	857	19,361	1,843	0
Washington State U	25,814	7,443	176	1,435	1,435	0	0	0	1,623	225	0
Western Washington U	1,963	50	0	1,080	1,080	0	0	0	335	0	0
Whitman College	28	0	0	0	0	0	0	0	0	0	0
West Virginia, total	25,719	2,967	0	7,823	7,823	0	0	0	2,076	2,265	0
College of W Virginia	103	0	0	0	0	0	0	0	103	0	0
Fairmont State College	60	0	0	0	0	0	0	0	0	0	0
Marshall U Graduate Col	2,347	143	0	613	613	0	0	0	0	0	0
Salem Teikyo University	76	0	0	0	0	0	0	0	0	0	0
WV University (Morgantwn)	22,623	2,824	0	7,210	7,210	0	0	0	1,973	2,265	0
Wheeling Jesuit U	510	0	0	0	0	0	0	0	0	0	0
Wisconsin, total	265,043	9,159	3,862	14,690	10,984	3,392	314	5,618	18,294	1,292	0
Alverno College	126	0	0	0	0	0	0	0	0	0	0
Beloit College	727	0	0	0	0	0	0	0	0	0	0
Edgewood College	20	0	0	0	0	0	0	0	0	0	0
Lawrence University	202	0	0	0	0	0	0	0	0	0	0
Madison Area Tech College	200	0	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Virginia, continued											
Hampton University	565	0	0	0	0	0	1,735	1,663	0	0	0
Hollins College	27	0	0	0	0	0	0	0	0	0	0
James Madison University	0	0	0	0	0	0	26	495	0	0	0
Longwood College	0	0	0	0	0	0	56	0	0	0	0
Norfolk State University	113	0	0	0	0	0	248	336	0	0	99
Old Dominion University	373	0	28	0	0	0	2,995	2,757	0	0	0
Radford University	0	0	0	0	0	0	0	59	0	0	0
Sweet Briar College	114	0	0	0	0	0	0	0	0	0	0
U of Richmond	283	0	0	0	0	0	0	110	0	0	0
U of Virginia	55,280	0	0	0	0	0	5,027	11,631	50	0	487
Virginia Commonwealth U	38,085	0	0	0	0	299	510	2,668	0	111	0
Virginia Military Inst	0	0	0	0	0	0	0	33	0	0	0
Virginia Poly Inst & St U	3,934	0	190	0	0	0	2,711	9,465	40	0	225
Virginia State University	1	0	0	0	0	0	71	0	0	0	0
Virginia Union University	130	0	0	0	0	0	0	0	0	0	0
Washington & Lee U	0	0	0	0	0	0	0	4	0	0	0
Wytheville CC	0	0	0	0	0	0	0	137	0	0	0
Washington, total	210,549	0	1,201	575	0	5	9,247	46,418	0	0	920
Bellevue CC	0	0	0	0	0	0	0	992	0	0	0
Central Washington U	0	0	0	0	0	0	206	48	0	0	0
Eastern Washington U	0	0	29	0	0	0	0	0	0	0	0
Edmonds Community College	0	0	0	0	0	0	0	399	0	0	0
Evergreen State College	0	0	0	0	0	0	0	192	0	0	0
Gonzaga University	0	0	0	0	0	0	0	4	0	0	0
Green River CC	0	0	0	0	0	0	0	20	0	0	0
John Bastyr Col Nat Med	130	0	0	0	0	0	0	0	0	0	0
Lake Washington Tech Col	0	0	0	0	0	1	0	0	0	0	0
Northwest Indian College	0	0	0	0	0	0	204	0	0	0	0
Pacific Lutheran U	0	0	0	0	0	0	0	37	0	0	0
Seattle Community College	0	0	0	0	0	0	0	300	0	0	0
Seattle University	0	0	0	0	0	0	0	59	0	0	0
University of Puget Sound	0	0	0	0	0	0	67	0	0	0	0
University of Washington	201,671	0	1,047	0	0	0	8,209	38,942	0	0	920
Washington State U	8,736	0	125	575	0	4	526	4,946	0	0	0
Western Washington U	12	0	0	0	0	0	35	451	0	0	0
Whitman College	0	0	0	0	0	0	0	28	0	0	0
West Virginia, total	6,650	0	20	0	0	0	842	3,006	0	0	70
College of W Virginia	0	0	0	0	0	0	0	0	0	0	0
Fairmont State College	0	0	0	0	0	0	0	60	0	0	0
Marshall U Graduate Col	1,327	0	0	0	0	0	54	210	0	0	0
Salem Teikyo University	76	0	0	0	0	0	0	0	0	0	0
WV University (Morgantwn)	5,247	0	20	0	0	0	278	2,736	0	0	70
Wheeling Jesuit U	0	0	0	0	0	0	510	0	0	0	0
Wisconsin, total	151,762	75	105	391	0	0	11,875	46,799	125	100	896
Alverno College	126	0	0	0	0	0	0	0	0	0	0
Beloit College	0	0	0	0	0	0	37	690	0	0	0
Edgewood College	0	0	0	0	0	0	0	20	0	0	0
Lawrence University	119	0	0	0	0	0	0	83	0	0	0
Madison Area Tech College	0	0	0	0	0	0	0	200	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
Wisconsin, continued											
Marquette University	2,473	0	59	86	86	0	0	0	95	92	0
Medical Col of Wisconsin	36,724	126	0	2,008	1,389	619	0	378	0	0	0
Milwaukee School of Eng	375	0	0	0	0	0	0	0	0	0	0
Ripon College	22	0	0	0	0	0	0	0	0	0	0
St Norbert College	54	0	0	0	0	0	0	0	0	0	0
U of WI Colleges	2,267	0	0	0	0	0	0	0	2,260	0	0
U of WI Eau Claire	432	0	0	0	0	0	0	0	0	0	0
U of WI La Crosse	213	25	0	0	0	0	0	0	0	0	0
U of WI Madison	208,243	8,788	2,263	12,039	9,241	2,773	25	0	15,636	1,200	0
U of WI Milwaukee	4,794	0	0	239	239	0	0	0	303	0	0
U of WI Oshkosh	390	0	0	0	0	0	0	0	0	0	0
U of WI Platteville	20	0	0	0	0	0	0	0	0	0	0
U of WI River Falls	200	0	0	0	0	0	0	0	0	0	0
U of WI Stevens Point	50	0	0	29	29	0	0	0	0	0	0
U of WI Stout	964	0	0	289	0	0	289	675	0	0	0
U of WI Superior	113	0	0	0	0	0	0	0	0	0	0
U of WI System Office	6,338	220	1,540	0	0	0	0	4,565	0	0	0
U of WI Whitewater	96	0	0	0	0	0	0	0	0	0	0
Wyoming, total	13,778	2,178	40	2,435	2,435	0	0	0	341	129	0
University of Wyoming	13,778	2,178	40	2,435	2,435	0	0	0	341	129	0
Guam, total	1,809	1,088	0	200	200	0	0	0	0	354	0
University of Guam	1,809	1,088	0	200	200	0	0	0	0	354	0
Puerto Rico, total	32,218	4,135	257	3,622	3,622	0	0	0	999	70	0
Inter Am U PR Ctrl Off	150	0	0	0	0	0	0	0	0	0	0
Ponce School of Medicine	1,952	0	0	0	0	0	0	0	0	0	0
Pont Cath U of PR, The	38	0	0	0	0	0	0	0	0	0	0
U Central Del Caribe	2,107	0	0	0	0	0	0	0	0	0	0
U Del Turabo	20	0	0	20	20	0	0	0	0	0	0
U of PR Humacao U Col	401	0	0	361	361	0	0	0	0	0	0
U of PR Mayaguez	7,706	4,135	257	1,377	1,377	0	0	0	74	70	0
U of PR Medical Sci	10,611	0	0	405	405	0	0	0	0	0	0
U of PR Rio Piedras	3,690	0	0	637	637	0	0	0	0	0	0
University of PR System	5,543	0	0	822	822	0	0	0	925	0	0
American Samoa, total	662	662	0	0	0	0	0	0	0	0	0
American Samoa CC	662	662	0	0	0	0	0	0	0	0	0
Virgin Islands, total	1,052	1,032	0	0	0	0	0	0	0	0	0
U of the Virgin Islands	1,052	1,032	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Wisconsin, continued:											
Marquette University	927	0	0	0	0	0	505	709	0	0	0
Medical Col of Wisconsin	33,404	0	0	0	0	0	151	184	0	0	473
Milwaukee School of Eng	0	0	0	0	0	0	0	162	0	0	213
Ripon College	0	0	0	0	0	0	0	22	0	0	0
St Norbert College	0	0	0	0	0	0	0	54	0	0	0
U of WI Colleges	7	0	0	0	0	0	0	0	0	0	0
U of WI Eau Claire	0	0	0	0	0	0	0	432	0	0	0
U of WI La Crosse	188	0	0	0	0	0	0	0	0	0	0
U of WI Madison	114,655	30	105	391	0	0	10,811	41,890	125	100	210
U of WI Milwaukee	2,240	45	0	0	0	0	330	1,637	0	0	0
U of WI Oshkosh	0	0	0	0	0	0	0	390	0	0	0
U of WI Platteville	0	0	0	0	0	0	20	0	0	0	0
U of WI River Falls	0	0	0	0	0	0	0	200	0	0	0
U of WI Stevens Point	0	0	0	0	0	0	21	0	0	0	0
U of WI Stout	0	0	0	0	0	0	0	0	0	0	0
U of WI Superior	0	0	0	0	0	0	0	113	0	0	0
U of WI System Office	0	0	0	0	0	0	0	13	0	0	0
U of WI Whitewater	96	0	0	0	0	0	0	0	0	0	0
Wyoming, total	857	0	30	0	0	0	459	6,498	0	0	811
University of Wyoming	857	0	30	0	0	0	459	6,498	0	0	811
Guam, total	0	0	40	0	0	0	0	127	0	0	0
University of Guam	0	0	40	0	0	0	0	127	0	0	0
Puerto Rico, total	16,481	0	20	0	0	150	2,688	3,796	0	0	0
Inter Am U PR Ctrl Off	0	0	0	0	0	150	0	0	0	0	0
Ponce School of Medicine	1,952	0	0	0	0	0	0	0	0	0	0
Pont Cath U of PR, The	38	0	0	0	0	0	0	0	0	0	0
U Central Del Caribe	2,107	0	0	0	0	0	0	0	0	0	0
U Del Turabo	0	0	0	0	0	0	0	0	0	0	0
U of PR Humacao U Col	0	0	0	0	0	0	40	0	0	0	0
U of PR Mayaguez	0	0	20	0	0	0	1,773	0	0	0	0
U of PR Medical Sci	10,131	0	0	0	0	0	75	0	0	0	0
U of PR Rio Piedras	2,253	0	0	0	0	0	800	0	0	0	0
University of PR System	0	0	0	0	0	0	0	3,796	0	0	0
American Samoa, total	0	0	0	0	0	0	0	0	0	0	0
American Samoa CC	0	0	0	0	0	0	0	0	0	0	0
Virgin Islands, total	0	0	20	0	0	0	0	0	0	0	0
U of the Virgin Islands	0	0	20	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]				ED	DOE	EPA	GSA
				Total	Research	Development					
						Advanced Technology	Major Systems				
Trust Territory of the Pacific Islands, total	1,224	1,224	0	0	0	0	0	0	0	0	0
Col of Micronesia FSM	595	595	0	0	0	0	0	0	0	0	0
Northern Marianas College	629	629	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	HHS	HUD	Int	AID	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Trust Territory of the Pacific Islands, total	0	0	0	0	0	0	0	0	0	0	0
Col of Micronesia FSM	0	0	0	0	0	0	0	0	0	0	0
Northern Marianas College	0	0	0	0	0	0	0	0	0	0	0

† The Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies.

NOTE: Does not include R&D obligations to university-administered federally funded research and development centers. See table B-38.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
GSA = General Services Administration
HHS = Department of Health and Human Services
HUD = Department of Housing and Urban Development
Int = Department of Interior
AID = Agency for International Development
OJP = Office of Justice Programs
Labor = Department of Labor
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
NRC = Nuclear Regulatory Commission
SSA = Social Security Administration
DOT = Department of Transportation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	248,222	51,035	0	2,283	0	16,409	0	17,676	0	0	159,575	1,244
Alabama, total	3,408	1,298	0	325	0	0	0	1,500	0	0	285	0
Auburn University	1,623	1,298	0	325	0	0	0	0	0	0	0	0
Oakwood College	211	0	0	0	0	0	0	0	0	0	211	0
Tuskegee University	1,500	0	0	0	0	0	0	1,500	0	0	0	0
U of Alabama, The	74	0	0	0	0	0	0	0	0	0	74	0
Alaska, total	160	0	0	0	0	0	0	0	0	0	160	0
U of AK Fairbanks All Cmp	160	0	0	0	0	0	0	0	0	0	160	0
Arizona, total	2,628	0	0	154	0	0	0	1,500	0	0	974	0
Arizona State U Main	1,979	0	0	154	0	0	0	1,500	0	0	325	0
University of Arizona	649	0	0	0	0	0	0	0	0	0	649	0
Arkansas, total	1,162	970	0	192	0	0	0	0	0	0	0	0
U of Arkansas Little Rock	192	0	0	192	0	0	0	0	0	0	0	0
U of Arkansas Main	970	970	0	0	0	0	0	0	0	0	0	0
California, total	91,084	2,965	0	120	0	2,262	0	1,308	0	0	84,429	0
CA Inst of Technology	70,966	0	0	0	0	366	0	0	0	0	70,600	0
CA St U Long Beach	96	0	0	0	0	0	0	0	0	0	96	0
CA St U San Marcos	46	0	0	0	0	0	0	0	0	0	46	0
Loyola Marymount U	94	0	0	0	0	0	0	0	0	0	94	0
Occidental College	1,600	0	0	0	0	0	0	0	0	0	1,600	0
Pomona College	50	0	0	0	0	0	0	0	0	0	50	0
San Fran State University	1,728	0	0	0	0	0	0	0	0	0	1,728	0
San Jose State University	72	0	0	0	0	0	0	0	0	0	72	0
Stanford University	1,717	0	0	0	0	547	0	0	0	0	1,170	0
U of CA Berkeley	270	0	0	0	0	80	0	0	0	0	190	0
U of CA Davis	5,541	2,965	0	0	0	0	0	648	0	0	1,928	0
U of CA Irvine	970	0	0	120	0	610	0	0	0	0	240	0
U of CA Los Angeles	660	0	0	0	0	0	0	660	0	0	0	0
U of CA Riverside	366	0	0	0	0	90	0	0	0	0	276	0
U of CA San Diego	1,976	0	0	0	0	0	0	0	0	0	1,976	0
U of CA San Francisco	782	0	0	0	0	0	0	0	0	0	782	0
U of CA Santa Barbara	937	0	0	0	0	310	0	0	0	0	627	0
U of CA Santa Cruz	259	0	0	0	0	259	0	0	0	0	0	0
U of Southern California	2,954	0	0	0	0	0	0	0	0	0	2,954	0
Colorado, total	1,825	0	0	0	0	469	0	43	0	0	1,313	0
Colorado School of Mines	513	0	0	0	0	0	0	0	0	0	513	0
Colorado State University	348	0	0	0	0	305	0	43	0	0	0	0
U of Colorado	964	0	0	0	0	164	0	0	0	0	800	0
Connecticut, total	3,017	1,307	0	0	0	163	0	0	0	0	1,547	0
St Joseph Col (W Hrtfrd)	175	0	0	0	0	0	0	0	0	0	175	0
U of Connecticut	1,941	1,307	0	0	0	0	0	0	0	0	634	0
Yale University	901	0	0	0	0	163	0	0	0	0	738	0
Delaware, total	1,988	1,699	0	0	0	0	0	0	0	0	289	0
U of Delaware	1,988	1,699	0	0	0	0	0	0	0	0	289	0
District of Columbia, total	1,431	0	0	0	0	0	0	735	0	0	696	0
Catholic U of America	116	0	0	0	0	0	0	0	0	0	116	0
George Washington U	735	0	0	0	0	0	0	735	0	0	0	0
Georgetown University	100	0	0	0	0	0	0	0	0	0	100	0
Howard University	480	0	0	0	0	0	0	0	0	0	480	0
Florida, total	5,284	1,455	0	0	0	565	0	0	0	0	3,256	8
Florida A&M University	550	0	0	0	0	0	0	0	0	0	550	0
Florida State University	740	0	0	0	0	0	0	0	0	0	740	0
University of Florida	3,921	1,455	0	0	0	565	0	0	0	0	1,901	0
University of Miami	65	0	0	0	0	0	0	0	0	0	65	0
University of South FL	8	0	0	0	0	0	0	0	0	0	0	8

See explanatory information, if any, and SOURCE at end of table

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Georgia, total	2,080	0	0	0	0	0	0	1,000	0	0	1,080	0
Berry College	34	0	0	0	0	0	0	0	0	0	34	0
Clark Atlanta University	250	0	0	0	0	0	0	0	0	0	250	0
Emory University	1,159	0	0	0	0	0	0	1,000	0	0	159	0
Georgia Inst of Tech	440	0	0	0	0	0	0	0	0	0	440	0
Georgia Southern U	197	0	0	0	0	0	0	0	0	0	197	0
Hawaii, total	187	0	0	0	0	0	0	0	0	0	187	0
U of Hawaii Manoa	187	0	0	0	0	0	0	0	0	0	187	0
Idaho, total	151	0	0	0	0	0	0	0	0	0	151	0
University of Idaho	151	0	0	0	0	0	0	0	0	0	151	0
Illinois, total	15,274	1,747	0	0	0	773	0	700	0	0	11,054	1,000
De Paul University	422	422	0	0	0	0	0	0	0	0	0	0
Illinois Inst of Tech	115	0	0	0	0	115	0	0	0	0	0	0
Illinois Wesleyan U	90	0	0	0	0	0	0	0	0	0	90	0
Northwestern University	2,653	1,325	0	0	0	115	0	0	0	0	213	1,000
U of IL Chicago	1,106	0	0	0	0	20	0	0	0	0	1,086	0
U of IL Urbana-Champaign	8,005	0	0	0	0	0	0	0	0	0	8,005	0
University of Chicago	2,883	0	0	0	0	523	0	700	0	0	1,660	0
Indiana, total	2,613	0	0	0	0	696	0	0	0	0	1,917	0
Indiana U	1,260	0	0	0	0	56	0	0	0	0	1,204	0
Purdue University	407	0	0	0	0	272	0	0	0	0	135	0
University of Notre Dame	946	0	0	0	0	368	0	0	0	0	578	0
Iowa, total	2,901	0	0	0	0	14	0	1,000	0	0	1,887	0
Grinnell College	275	0	0	0	0	0	0	0	0	0	275	0
Iowa State University	737	0	0	0	0	14	0	0	0	0	723	0
University of Iowa	1,889	0	0	0	0	0	0	1,000	0	0	889	0
Kansas, total	913	0	0	0	0	551	0	0	0	0	362	0
Kansas State University	551	0	0	0	0	551	0	0	0	0	0	0
University of Kansas	362	0	0	0	0	0	0	0	0	0	362	0
Kentucky, total	218	0	0	0	0	0	0	0	0	0	218	0
U of Kentucky All Cmp	218	0	0	0	0	0	0	0	0	0	218	0
Louisiana, total	3,158	1,242	0	0	0	22	0	1,000	0	0	894	0
LA St U All Campuses	1,264	1,242	0	0	0	22	0	0	0	0	0	0
Louisiana Tech University	600	0	0	0	0	0	0	0	0	0	600	0
Southern U A&M All Cmp	294	0	0	0	0	0	0	0	0	0	294	0
Tulane University	1,000	0	0	0	0	0	0	1,000	0	0	0	0
Maine, total	123	0	0	0	0	0	0	0	0	0	123	0
Colby College	123	0	0	0	0	0	0	0	0	0	123	0
Maryland, total	6,900	2,219	0	632	0	90	0	1,479	0	0	2,464	16
Bowie State University	225	0	0	0	0	0	0	0	0	0	225	0
Johns Hopkins University	1,624	0	0	0	0	0	0	1,479	0	0	145	0
U of Baltimore	343	0	0	343	0	0	0	0	0	0	0	0
U of MD Baltimore County	1,500	0	0	0	0	0	0	0	0	0	1,500	0
U of MD Biotech Inst	594	0	0	0	0	0	0	0	0	0	594	0
U of MD College Park	2,614	2,219	0	289	0	90	0	0	0	0	0	16

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Massachusetts, total	10,977	1,592	0	0	0	7,326	0	0	0	0	2,059	0
Boston University	1,538	0	0	0	0	1,236	0	0	0	0	302	0
Brandeis University	205	0	0	0	0	205	0	0	0	0	0	0
Harvard University	269	0	0	0	0	71	0	0	0	0	198	0
MA Inst of Technology	6,455	0	0	0	0	5,799	0	0	0	0	656	0
Tufts University	1,592	1,592	0	0	0	0	0	0	0	0	0	0
U of MA Amherst	172	0	0	0	0	15	0	0	0	0	157	0
Wellesley College	150	0	0	0	0	0	0	0	0	0	150	0
Woods Hole Ocean Inst	486	0	0	0	0	0	0	0	0	0	486	0
Worcester Polytech Inst	110	0	0	0	0	0	0	0	0	0	110	0
Michigan, total	3,105	0	0	0	0	405	0	1,221	0	0	1,472	7
Eastern Michigan U	365	0	0	0	0	0	0	0	0	0	365	0
Ferris State University	225	0	0	0	0	0	0	0	0	0	225	0
Michigan State University	650	0	0	0	0	200	0	0	0	0	450	0
Michigan Tech University	251	0	0	0	0	0	0	0	0	0	251	0
Oakland University	1,000	0	0	0	0	0	0	1,000	0	0	0	0
U of Michigan	188	0	0	0	0	0	0	0	0	0	181	7
Wayne State University	221	0	0	0	0	0	0	221	0	0	0	0
Western Michigan U	205	0	0	0	0	205	0	0	0	0	0	0
Minnesota, total	2,977	0	0	0	0	85	0	1,310	0	0	1,557	25
Macalester College	110	0	0	0	0	0	0	0	0	0	110	0
U of Minnesota	2,867	0	0	0	0	85	0	1,310	0	0	1,447	25
Mississippi, total	4,684	4,418	0	0	0	266	0	0	0	0	0	0
U of Mississippi	4,684	4,418	0	0	0	266	0	0	0	0	0	0
Missouri, total	468	0	0	0	0	187	0	0	0	0	281	0
Evangel College	80	0	0	0	0	0	0	0	0	0	80	0
U of Missouri Columbia	37	0	0	0	0	37	0	0	0	0	0	0
U of Missouri Rolla	351	0	0	0	0	150	0	0	0	0	201	0
Montana, total	1,230	0	0	0	0	0	0	0	0	0	1,230	0
Montana State U Bozeman	141	0	0	0	0	0	0	0	0	0	141	0
Montana Tech of U of MT	980	0	0	0	0	0	0	0	0	0	980	0
U of Montana, The	109	0	0	0	0	0	0	0	0	0	109	0
Nebraska, total	257	0	0	0	0	0	0	0	0	0	235	22
Creighton University	22	0	0	0	0	0	0	0	0	0	0	22
U of Nebraska Lincoln	235	0	0	0	0	0	0	0	0	0	235	0
New Hampshire, total	476	0	0	0	0	0	0	0	0	0	476	0
U of NH Durham	476	0	0	0	0	0	0	0	0	0	476	0
New Jersey, total	4,288	2,194	0	0	0	349	0	0	0	0	1,745	0
New Jersey Inst of Tech	203	0	0	0	0	0	0	0	0	0	203	0
Princeton University	467	0	0	0	0	229	0	0	0	0	238	0
Rutgers St U of NJ	3,618	2,194	0	0	0	120	0	0	0	0	1,304	0
New Mexico, total	2,917	1,420	0	740	0	160	0	0	0	0	597	0
New Mexico Inst Mining	331	0	0	0	0	0	0	0	0	0	331	0
New Mexico St U	2,320	1,420	0	740	0	160	0	0	0	0	0	0
U of New Mexico	266	0	0	0	0	0	0	0	0	0	266	0
New York, total	18,419	0	0	0	0	100	0	1,170	0	0	17,133	16
CUNY Hunter College	386	0	0	0	0	0	0	0	0	0	386	0
Clarkson University	412	0	0	0	0	0	0	0	0	0	412	0
Columbia U City New York	1,362	0	0	0	0	0	0	0	0	0	1,362	0
Cooper Union	460	0	0	0	0	0	0	0	0	0	460	0
Cornell University	11,282	0	0	0	0	0	0	0	0	0	11,282	0
NY University	1,249	0	0	0	0	0	0	670	0	0	579	0

See explanatory information, if any, and SOURCE at end of table

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
New York, continued												
Rensselaer Polytech Inst	850	0	0	0	0	0	0	0	0	0	850	0
Rochester Inst Technology	16	0	0	0	0	0	0	0	0	0	0	16
Rockefeller University	313	0	0	0	0	0	0	0	0	0	313	0
SUNY Col Buffalo	232	0	0	0	0	0	0	0	0	0	232	0
SUNY Hlth Sci Ctr Brklyn	500	0	0	0	0	0	0	500	0	0	0	0
SUNY at Stony Brook	315	0	0	0	0	100	0	0	0	0	215	0
University of Rochester	634	0	0	0	0	0	0	0	0	0	634	0
Yeshiva University NY	408	0	0	0	0	0	0	0	0	0	408	0
North Carolina, total	5,139	2,910	0	0	0	350	0	997	0	0	882	0
Davidson College	400	0	0	0	0	0	0	0	0	0	400	0
Duke University	419	0	0	0	0	250	0	0	0	0	169	0
Guilford College	86	0	0	0	0	0	0	0	0	0	86	0
NC State U at Raleigh	227	0	0	0	0	100	0	0	0	0	127	0
U of NC Chapel Hill	1,097	0	0	0	0	0	0	997	0	0	100	0
Wake Forest University	2,910	2,910	0	0	0	0	0	0	0	0	0	0
North Dakota, total	65	0	0	0	0	0	0	0	0	0	0	65
North Dakota St U	65	0	0	0	0	0	0	0	0	0	0	65
Ohio, total	3,416	0	0	0	0	29	0	0	0	0	3,387	0
Bowling Gr St U	115	0	0	0	0	0	0	0	0	0	115	0
Case Western Reserve U	1,200	0	0	0	0	0	0	0	0	0	1,200	0
Kent State U	105	0	0	0	0	0	0	0	0	0	105	0
Miami University All Cmp	560	0	0	0	0	0	0	0	0	0	560	0
Ohio State U	311	0	0	0	0	29	0	0	0	0	282	0
Ohio University	162	0	0	0	0	0	0	0	0	0	162	0
U of Cincinnati	722	0	0	0	0	0	0	0	0	0	722	0
Wright State U	241	0	0	0	0	0	0	0	0	0	241	0
Oklahoma, total	1,080	480	0	0	0	0	0	0	0	0	600	0
Oklahoma St U	1,080	480	0	0	0	0	0	0	0	0	600	0
Oregon, total	6,230	4,850	0	0	0	215	0	313	0	0	852	0
Oregon Hlth Sciences U	93	0	0	0	0	0	0	93	0	0	0	0
Oregon State University	5,345	4,850	0	0	0	215	0	0	0	0	280	0
University of Oregon	792	0	0	0	0	0	0	220	0	0	572	0
Pennsylvania, total	7,266	2,365	0	0	0	337	0	0	0	0	4,549	15
Carnegie Mellon U	429	0	0	0	0	0	0	0	0	0	429	0
Drexel University	102	0	0	0	0	0	0	0	0	0	102	0
Lehigh University	635	0	0	0	0	0	0	0	0	0	635	0
Millersville U of PA	127	0	0	0	0	0	0	0	0	0	127	0
PA St U University Park	946	0	0	0	0	0	0	0	0	0	931	15
St Joseph's University	2,365	2,365	0	0	0	0	0	0	0	0	0	0
U of Pennsylvania	2,337	0	0	0	0	337	0	0	0	0	2,000	0
U of Pittsburgh	325	0	0	0	0	0	0	0	0	0	325	0
Rhode Island, total	3,943	3,738	0	0	0	117	0	0	0	0	88	0
Brown University	88	0	0	0	0	0	0	0	0	0	88	0
U of Rhode Island	3,855	3,738	0	0	0	117	0	0	0	0	0	0
South Carolina, total	1,307	0	0	0	0	0	0	700	0	0	607	0
Clemson University	147	0	0	0	0	0	0	0	0	0	147	0
Furman University	178	0	0	0	0	0	0	0	0	0	178	0
Medical U of S Carolina	862	0	0	0	0	0	0	700	0	0	162	0
U of SC All Campuses	120	0	0	0	0	0	0	0	0	0	120	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1996

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
South Dakota, total	2,619	2,619	0	0	0	0	0	0	0	0	0	0
SD State University	2,619	2,619	0	0	0	0	0	0	0	0	0	0
Tennessee, total	2,708	1,870	0	120	0	374	0	0	0	0	339	5
Fisk University	127	0	0	0	0	0	0	0	0	0	127	0
Tennessee Technological U	112	0	0	0	0	0	0	0	0	0	112	0
U of Tennessee Knoxville	2,349	1,870	0	0	0	374	0	0	0	0	100	5
Vanderbilt University	120	0	0	120	0	0	0	0	0	0	0	0
Texas, total	3,806	1,358	0	0	0	220	0	1,000	0	0	1,218	10
Jarvis Christian College	51	0	0	0	0	0	0	0	0	0	51	0
Southern Methodist U	375	0	0	0	0	0	0	0	0	0	375	0
Southwest Texas St U	109	0	0	0	0	0	0	0	0	0	109	0
Texas A&M U	1,828	1,358	0	0	0	220	0	0	0	0	240	10
Texas Christian U	100	0	0	0	0	0	0	0	0	0	100	0
U of TX Arlington	140	0	0	0	0	0	0	0	0	0	140	0
U of TX Austin	87	0	0	0	0	0	0	0	0	0	87	0
U of TX Hlth Sci S Anto	1,000	0	0	0	0	0	0	1,000	0	0	0	0
U of TX SW Med Ctr Dals	116	0	0	0	0	0	0	0	0	0	116	0
Utah, total	2,290	0	0	0	0	0	0	0	0	0	2,290	0
Brigham Young U	100	0	0	0	0	0	0	0	0	0	100	0
University of Utah	1,850	0	0	0	0	0	0	0	0	0	1,850	0
Utah State University	340	0	0	0	0	0	0	0	0	0	340	0
Vermont, total	2,205	1,940	0	0	0	0	0	0	0	0	265	0
University of Vermont	2,205	1,940	0	0	0	0	0	0	0	0	265	0
Virginia, total	967	0	0	0	0	0	0	0	0	0	967	0
U of Virginia	117	0	0	0	0	0	0	0	0	0	117	0
Virginia Poly Inst & St U	850	0	0	0	0	0	0	0	0	0	850	0
Washington, total	6,012	4,379	0	0	0	40	0	700	0	0	838	55
University of Puget Sound	239	0	0	0	0	0	0	0	0	0	239	0
University of Washington	1,272	0	0	0	0	40	0	700	0	0	477	55
Washington State U	4,379	4,379	0	0	0	0	0	0	0	0	0	0
Western Washington U	122	0	0	0	0	0	0	0	0	0	122	0
West Virginia, total	61	0	0	0	0	0	0	0	0	0	61	0
Marshall U Graduate Col	61	0	0	0	0	0	0	0	0	0	61	0
Wisconsin, total	2,435	0	0	0	0	244	0	0	0	0	2,191	0
Lawrence University	254	0	0	0	0	0	0	0	0	0	254	0
U of WI Eau Claire	247	0	0	0	0	0	0	0	0	0	247	0
U of WI Madison	1,934	0	0	0	0	244	0	0	0	0	1,690	0
Wyoming, total	250	0	0	0	0	0	0	0	0	0	250	0
University of Wyoming	250	0	0	0	0	0	0	0	0	0	250	0
Puerto Rico, total	120	0	0	0	0	0	0	0	0	0	120	0
Inter Am U PR Ctrl Off	108	0	0	0	0	0	0	0	0	0	108	0
U of PR Mayaguez	12	0	0	0	0	0	0	0	0	0	12	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, and Transportation; the Agency for International Development, the General Services Administration, the Nuclear Regulatory Commission, the Office of Justice Programs, and the Social Security Administration.

NOTE: See Technical Notes, "Scope of Survey."

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-19. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received in fiscal year 1996: fiscal years 1989-96

[Thousands of dollars]

Institution and ranking	1989	1990	1991	1992	1993	1994	1995	1996
Total, all institutions	156,668	175,187	214,164	244,353	232,667	281,378	328,787	288,369
1 Howard University	14,608	20,382	24,858	25,229	24,967	25,105	34,693	33,860
2 Florida A&M University	6,323	8,344	15,259	12,046	14,052	17,737	15,483	17,164
3 NC Ag & Tech State U	10,149	9,711	11,649	11,872	15,386	17,519	18,124	16,174
4 Clark Atlanta University	6,432	8,074	13,451	29,449	22,439	25,753	23,034	15,272
5 Morehouse College of Med	5,034	6,242	7,275	8,563	4,300	11,662	9,817	13,923
6 Meharry Medical College	7,878	8,915	10,647	12,464	7,944	14,923	12,868	12,577
7 Tennessee State U	5,926	7,288	9,305	9,185	8,189	10,745	12,205	12,420
8 Tuskegee University	6,739	7,174	10,377	8,613	9,204	10,742	17,071	12,262
9 Hampton University	4,380	6,541	6,940	7,247	6,362	11,975	11,834	11,163
10 Southern U A&M All Cmp	5,486	5,580	6,133	6,117	7,139	8,964	11,079	11,075
Total 1st 10 institutions	72,955	88,251	115,894	130,785	119,982	155,125	166,208	155,890
11 Alabama A & M University	6,629	7,920	8,508	10,296	9,085	10,020	10,149	9,164
12 Morehouse College	624	1,242	4,517	3,200	2,464	4,047	9,539	8,964
13 Prairie View A&M U	5,654	6,528	6,896	7,891	8,103	9,938	13,572	8,649
14 Kentucky State University	4,326	4,973	4,988	5,111	5,285	5,686	5,339	6,096
15 Jackson State University	4,806	5,013	4,349	6,478	8,717	5,532	8,539	6,084
16 Morgan State University	935	1,352	1,179	3,294	2,677	6,825	5,331	5,674
17 Lincoln U (Jeffersn City)	3,642	4,281	4,063	5,164	5,037	5,891	5,204	5,440
18 Alcorn State University	3,146	3,364	4,035	4,648	4,124	3,774	4,588	5,394
19 U of Arkansas Pine Bluff	3,337	3,838	3,886	4,431	4,714	4,322	4,449	5,347
20 Fort Valley State U	3,454	3,895	3,930	4,629	4,793	4,640	5,105	5,122
Total 1st 20 institutions	109,508	130,657	162,245	185,927	174,981	215,800	238,023	221,824
21 Virginia State University	4,066	4,824	5,616	5,423	4,609	4,943	5,511	4,811
22 SC State University	3,525	3,790	4,335	4,957	4,677	6,597	11,901	4,782
23 Xavier U of Louisiana	10,018	2,407	3,037	3,822	1,891	2,711	3,771	4,504
24 U of MD Eastern Shore	2,692	3,440	3,361	3,795	3,830	3,423	4,339	3,969
25 University of DC	3,347	3,037	4,044	3,988	3,388	4,581	4,525	3,879
26 Langston University	2,548	2,805	3,479	4,021	3,719	2,993	3,993	3,853
27 Grambling State U	1,048	941	1,154	1,560	708	909	4,376	3,674
28 Delaware State University	1,524	1,807	2,044	2,499	2,824	2,622	2,529	3,167
29 Texas Southern U	2,013	2,857	3,363	3,840	3,336	4,912	4,769	2,963
30 Spelman College	471	1,271	2,214	2,362	2,859	2,401	6,184	2,598
Total 1st 30 institutions	140,760	157,836	194,892	222,194	206,824	251,892	289,921	260,024
31 Morris Brown College	29	188	503	1,525	1,223	1,278	1,966	2,468
32 U of the Virgin Islands	2,083	2,058	2,083	2,405	2,972	2,824	3,200	2,005
33 Fisk University	776	967	2,165	1,482	1,761	2,259	2,396	1,993
34 NC Central University	952	928	1,051	813	713	1,254	1,299	1,703
35 Winston Salem State U	615	841	635	691	378	650	1,195	1,582
36 Bowie State University	60	221	370	378	731	320	2,174	1,517
37 Norfolk State University	1,366	691	924	928	693	1,015	1,434	1,372
38 Elizabeth City State U	60	140	85	70	257	575	1,135	1,279
39 Fayetteville State U	376	277	286	580	185	680	819	1,246
40 Benedict College	629	756	913	898	191	816	813	1,073
Total 1st 40 institutions	147,706	164,903	203,907	231,964	215,928	263,563	306,352	276,262
41 Johnson C Smith U	380	377	504	562	42	557	2,386	971
42 Central State U (Wlbrfc)	333	672	557	869	1,291	1,992	1,668	963
43 Bethune Cookman College	933	685	812	574	673	517	632	958
44 Lincoln U (Linc U PA)	1,096	1,367	719	902	1,532	2,368	1,782	903
45 Alabama State University	683	460	450	771	712	695	780	824
46 Wiley College	55	113	58	194	199	263	344	607
47 Talladega College	141	333	809	332	1,004	1,013	1,020	504
48 Albany State University	423	467	471	683	134	627	376	482
49 Savannah State University	218	196	422	308	365	212	609	454
50 Virginia Union University	0	57	195	161	484	397	405	451
Total 1st 50 institutions	151,968	169,630	208,904	237,320	222,364	272,204	316,354	283,379

See explanatory information, if any, and SOURCE at end of table

Table B-19. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received in fiscal year 1996: fiscal years 1989-96

[Thousands of dollars]

Institution and ranking	1989	1990	1991	1992	1993	1994	1995	1996
51 Oakwood College	107	180	206	424	564	449	493	444
52 Coppin State College	334	340	145	167	500	553	427	379
53 Shaw University	0	168	248	296	1,480	221	773	367
54 Claflin College	30	195	151	577	227	655	277	358
55 Tougaloo College	435	509	542	598	744	494	804	354
56 Stillman College	298	287	289	294	564	374	651	350
57 Jarvis Christian College	59	125	172	502	219	272	393	247
58 Wilberforce University	14	24	6	11	433	477	482	244
59 Voorhees College	123	14	83	164	324	297	380	236
60 Dillard University	173	96	217	205	120	349	702	228
Total 1st 60 institutions	153,541	171,568	210,963	240,558	227,539	276,345	321,736	286,586
61 Concordia College (Selma)	0	0	0	0	0	0	210	210
62 Knoxville College	204	0	0	0	334	247	345	197
63 Trenholm State Tech Col	0	45	0	0	24	202	175	180
64 Huston Tillotson College	0	0	0	0	8	0	192	148
65 Selma University	316	814	301	380	643	732	141	138
66 Bennett Col (Greensboro)	222	485	451	500	710	642	1,593	131
67 Rust College	229	414	140	634	636	563	846	104
68 Edward Waters College	0	0	0	0	0	300	300	100
69 Harris Stowe State Col	325	0	260	3	4	0	4	88
70 Livingstone College	0	0	0	47	306	267	198	78
Total 1st 70 institutions	154,837	173,326	212,115	242,122	230,204	279,298	325,740	287,960
71 Miles College	0	0	0	0	7	0	132	64
72 Florida Memorial College	80	80	0	0	0	0	57	55
73 Morris College	0	0	0	63	132	65	147	54
74 Southwestern Chrstn Col	0	0	0	0	0	124	91	54
75 Barber Scotia College	0	0	316	0	238	46	158	50
76 Philander Smith College	154	128	123	119	0	230	175	45
77 St Augustines College	140	32	0	0	0	0	0	38
78 Paine College	20	0	0	40	0	155	39	27
79 Lane College	133	238	441	370	423	294	25	22
Bluefield State College	0	50	60	0	83	0	15	0
Total 1st 80 institutions	155,364	173,854	213,055	242,714	231,087	280,212	326,579	288,369
C A Fredd St Tech Col	0	16	0	268	0	0	0	0
Coahoma Community Col	36	120	0	0	0	0	0	0
Hinds CC Raymond	48	33	55	195	369	272	55	0
Le Moyne Owen College	0	270	62	50	69	0	1,026	0
Lewis College of Business	0	0	0	98	0	0	0	0
Mary Holmes College	356	0	0	8	0	0	0	0
Mississippi Valley St U	630	618	637	746	779	701	645	0
Paul Quinn College	57	25	0	0	0	0	0	0
Shelton State CC	12	0	0	0	0	0	0	0
St Pauls Col (Lawrencevl)	0	0	0	92	0	193	297	0
Total 1st 90 institutions	156,503	174,936	213,809	244,171	232,304	281,378	328,602	288,369
Texas College	0	0	50	0	0	0	0	0
WV State College	165	251	305	182	363	0	185	0
Total 1st 92 institutions	156,668	175,187	214,164	244,353	232,667	281,378	328,787	288,369

NOTE: Institutions having no current-year obligations are listed in alphabetical order.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

Table B-20. Federal obligations for science and engineering (S&E) to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all institutions	288,369	188,625	3,688	704	23,382	22,613	49,357
1 Howard University	33,860	29,207	480	0	1,445	1,970	758
2 Florida A&M University	17,164	11,339	550	25	2,178	1,115	1,957
3 NC Ag & Tech State U	16,174	11,050	0	75	1,188	407	3,454
4 Clark Atlanta University	15,272	11,759	250	0	767	2,311	185
5 Morehouse College of Med	13,923	10,824	0	0	225	2,824	50
6 Meharry Medical College	12,577	9,920	0	0	1,459	1,091	107
7 Tennessee State U	12,420	8,411	0	0	802	210	2,997
8 Tuskegee University	12,262	7,272	1,500	0	756	529	2,205
9 Hampton University	11,163	8,015	0	0	2,368	0	780
10 Southern U A&M All Cmp	11,075	5,701	294	0	652	1,427	3,001
Total 1st 10 institutions	155,890	113,498	3,074	100	11,840	11,884	15,494
11 Alabama A & M University	9,164	6,511	0	18	432	78	2,125
12 Morehouse College	8,964	7,555	0	0	979	0	430
13 Prairie View A&M U	8,649	4,791	0	0	22	275	3,561
14 Kentucky State University	6,096	2,680	0	0	203	208	3,005
15 Jackson State University	6,084	3,712	0	0	1,016	349	1,007
16 Morgan State University	5,674	5,341	0	0	321	0	12
17 Lincoln U (Jeffersn City)	5,440	1,964	0	35	1	477	2,963
18 Alcorn State University	5,394	2,671	0	0	190	446	2,087
19 U of Arkansas Pine Bluff	5,347	2,875	0	0	188	292	1,992
20 Fort Valley State U	5,122	2,582	0	0	8	0	2,532
Total 1st 20 institutions	221,824	154,180	3,074	153	15,200	14,009	35,208
21 Virginia State University	4,811	2,309	0	0	135	0	2,367
22 SC State University	4,782	2,232	0	0	608	0	1,942
23 Xavier U of Louisiana	4,504	3,305	0	0	531	0	668
24 U of MD Eastern Shore	3,969	1,347	0	0	654	160	1,808
25 University of DC	3,879	1,806	0	0	303	808	962
26 Langston University	3,853	1,576	0	0	195	96	1,986
27 Grambling State U	3,674	2,960	0	0	243	471	0
28 Delaware State University	3,167	1,166	0	0	917	23	1,061
29 Texas Southern U	2,963	2,146	0	34	52	373	358
30 Spelman College	2,598	1,253	0	0	654	691	0
Total 1st 30 institutions	260,024	174,280	3,074	187	19,492	16,631	46,360
31 Morris Brown College	2,468	1,430	0	480	50	508	0
32 U of the Virgin Islands	2,005	1,052	0	0	0	0	953
33 Fisk University	1,993	1,663	127	0	0	203	0
34 NC Central University	1,703	274	0	0	475	954	0
35 Winston Salem State U	1,582	606	0	0	422	554	0
36 Bowie State University	1,517	891	225	0	39	75	287
37 Norfolk State University	1,372	887	0	31	96	0	358
38 Elizabeth City State U	1,279	1,279	0	0	0	0	0
39 Fayetteville State U	1,246	178	0	0	50	1,018	0
40 Benedict College	1,073	690	0	0	216	167	0
Total 1st 40 institutions	276,262	183,230	3,426	698	20,840	20,110	47,958
41 Johnson C Smith U	971	216	0	0	273	272	210
42 Central State U (Wlbrfc)	963	959	0	0	4	0	0
43 Bethune Cookman College	958	2	0	0	32	605	319
44 Lincoln U (Linc U PA)	903	736	0	0	167	0	0
45 Alabama State University	824	46	0	0	336	442	0
46 Wiley College	607	371	0	0	0	0	236
47 Talladega College	504	366	0	0	138	0	0
48 Albany State University	482	0	0	0	430	52	0
49 Savannah State University	454	454	0	0	0	0	0
50 Virginia Union University	451	130	0	0	321	0	0
Total 1st 50 institutions	283,379	186,510	3,426	698	22,541	21,481	48,723

See explanatory information, if any, and SOURCE at end of table.

Table B-20. Federal obligations for science and engineering (S&E) to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
51 Oakwood College	444	108	211	0	70	55	0
52 Coppin State College	379	0	0	0	379	0	0
53 Shaw University	367	92	0	0	65	150	60
54 Claflin College	358	122	0	0	0	0	236
55 Tougaloo College	354	77	0	0	87	190	0
56 Stillman College	350	0	0	0	140	210	0
57 Jarvis Christian College	247	166	51	0	0	30	0
58 Wilberforce University	244	238	0	6	0	0	0
59 Voorhees College	236	0	0	0	0	236	0
60 Dillard University	228	206	0	0	0	22	0
Total 1st 60 institutions	286,586	187,519	3,688	704	23,282	22,374	49,019
61 Concordia College (Selma)	210	0	0	0	0	0	210
62 Knoxville College	197	197	0	0	0	0	0
63 Trenholm State Tech Col	180	180	0	0	0	0	0
64 Huston Tillotson College	148	148	0	0	0	0	0
65 Selma University	138	138	0	0	0	0	0
66 Bennett Col (Greensboro)	131	26	0	0	53	0	52
67 Rust College	104	100	0	0	4	0	0
68 Edward Waters College	100	100	0	0	0	0	0
69 Harris Stowe State Col	88	88	0	0	0	0	0
70 Livingstone College	78	0	0	0	0	78	0
Total 1st 70 institutions	287,960	188,496	3,688	704	23,339	22,452	49,281
71 Miles College	64	64	0	0	0	0	0
72 Florida Memorial College	55	0	0	0	30	25	0
73 Morris College	54	0	0	0	0	0	54
74 Southwestern Chrstn Col	54	0	0	0	0	54	0
75 Barber Scotia College	50	0	0	0	0	50	0
76 Philander Smith College	45	0	0	0	13	32	0
77 St Augustines College	38	38	0	0	0	0	0
78 Paine College	27	27	0	0	0	0	0
79 Lane College	22	0	0	0	0	0	22
Total 1st 79 institutions	288,369	188,625	3,688	704	23,382	22,613	49,357

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-21. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	288,369	82,849	740	46,238	7,265	13,001	1,417	67,474	208	37,001	28,072	4,104
1 Howard University	33,860	61	174	9,895	439	3,097	225	10,474	0	2,868	6,334	293
2 Florida A&M University	17,164	4,229	0	2,485	249	611	0	3,132	0	3,988	2,413	57
3 NC Ag & Tech State U	16,174	6,800	0	2,168	0	705	96	625	0	2,836	1,913	1,031
4 Clark Atlanta University	15,272	71	0	4,623	888	1,031	108	3,706	0	3,058	1,787	0
5 Morehouse College of Med	13,923	0	0	583	0	0	0	10,021	0	1,958	0	1,361
6 Meharry Medical College	12,577	0	0	942	0	0	0	10,727	0	107	801	0
7 Tennessee State U	12,420	5,382	0	834	171	0	0	1,429	0	2,773	1,803	28
8 Tuskegee University	12,262	4,616	0	2,140	89	227	0	3,167	0	1,640	383	0
9 Hampton University	11,163	0	0	2,640	114	1,262	213	1,944	0	3,293	1,663	34
10 Southern U A&M All Cmp	11,075	4,246	0	1,111	293	1,381	389	1,365	0	1,868	395	27
Total 1st 10 institutions	155,890	25,405	174	27,421	2,243	8,314	1,031	46,590	0	24,389	17,492	2,831
11 Alabama A & M University	9,164	4,828	0	2,358	78	385	0	0	0	497	1,018	0
12 Morehouse College	8,964	0	0	7,158	400	5	0	482	0	753	166	0
13 Prairie View A&M U	8,649	6,116	0	932	0	506	0	275	0	747	51	22
14 Kentucky State University	6,096	5,850	0	0	37	0	0	208	0	0	0	1
15 Jackson State University	6,084	0	18	797	290	760	0	1,417	86	458	2,214	44
16 Morgan State University	5,674	0	0	1,199	0	37	70	1,139	0	1,067	1,598	564
17 Lincoln U (Jeffersn City)	5,440	4,963	0	0	0	0	0	277	0	0	0	200
18 Alcorn State University	5,394	4,751	0	0	215	0	0	428	0	0	0	0
19 U of Arkansas Pine Bluff	5,347	4,889	0	0	0	0	0	458	0	0	0	0
20 Fort Valley State U	5,122	4,510	0	0	0	423	8	0	56	0	125	0
Total 1st 20 institutions	221,824	61,312	192	39,865	3,263	10,430	1,109	51,274	142	27,911	22,664	3,662
21 Virginia State University	4,811	4,532	0	0	0	168	17	1	0	71	0	22
22 SC State University	4,782	3,670	0	0	192	254	0	0	0	650	0	16
23 Xavier U of Louisiana	4,504	0	0	400	101	388	0	771	0	123	2,721	0
24 U of MD Eastern Shore	3,969	3,599	0	30	160	0	0	180	0	0	0	0
25 University of DC	3,879	1,614	0	309	54	75	14	890	20	589	293	21
26 Langston University	3,853	3,737	0	0	0	116	0	0	0	0	0	0
27 Grambling State U	3,674	0	0	2,416	199	0	0	1,035	24	0	0	0
28 Delaware State University	3,167	2,279	62	0	0	0	8	818	0	0	0	0
29 Texas Southern U	2,963	0	0	0	283	242	0	1,337	0	755	175	171
30 Spelman College	2,598	0	0	0	0	492	22	1,452	0	632	0	0
Total 1st 30 institutions	260,024	80,743	254	43,020	4,252	12,165	1,170	57,758	186	30,731	25,853	3,892
31 Morris Brown College	2,468	0	480	1,008	417	0	0	279	0	192	91	1
32 U of the Virgin Islands	2,005	1,951	0	0	0	0	0	0	20	0	34	0
33 Fisk University	1,993	0	0	383	0	187	0	203	0	981	239	0
34 NC Central University	1,703	42	0	50	76	194	166	1,175	0	0	0	0
35 Winston Salem State U	1,582	0	0	0	179	0	0	1,313	0	28	32	30
36 Bowie State University	1,517	0	0	0	0	75	0	0	0	1,178	225	39
37 Norfolk State University	1,372	0	0	0	0	75	16	113	0	702	367	99
38 Elizabeth City State U	1,279	0	0	338	0	0	0	38	2	560	341	0
39 Fayetteville State U	1,246	0	0	0	0	15	0	1,018	0	150	63	0
40 Benedict College	1,073	0	0	0	0	0	0	971	0	0	102	0
Total 1st 40 institutions	276,262	82,736	734	44,799	4,924	12,711	1,352	62,868	208	34,522	27,347	4,061
41 Johnson C Smith U	971	0	0	149	210	0	0	545	0	67	0	0
42 Central State U (Wlbrfc)	963	0	0	0	0	0	0	4	0	959	0	0
43 Bethune Cookman College	958	0	6	0	0	0	0	594	0	347	11	0
44 Lincoln U (Linc U PA)	903	0	0	718	0	0	0	167	0	0	18	0
45 Alabama State University	824	16	0	0	0	0	0	808	0	0	0	0
46 Wiley College	607	0	0	0	236	0	0	272	0	0	99	0
47 Talladega College	504	0	0	0	0	0	0	479	0	0	25	0
48 Albany State University	482	0	0	0	52	0	0	430	0	0	0	0
49 Savannah State University	454	0	0	0	0	0	0	146	0	267	41	0
50 Virginia Union University	451	0	0	0	100	0	0	351	0	0	0	0
Total 1st 50 institutions	283,379	82,752	740	45,666	5,522	12,711	1,352	66,664	208	36,162	27,541	4,061

See explanatory information, if any, and SOURCE at end of table

Table B-21. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 Oakwood College	444	0	0	0	55	0	0	70	0	108	211	0
52 Coppin State College	379	0	0	0	379	0	0	0	0	0	0	0
53 Shaw University	367	0	0	0	60	150	65	92	0	0	0	0
54 Claflin College	358	0	0	0	236	0	0	0	0	0	122	0
55 Tougaloo College	354	0	0	0	0	0	0	328	0	26	0	0
56 Stillman College	350	0	0	0	210	0	0	140	0	0	0	0
57 Jarvis Christian College	247	0	0	166	0	30	0	0	0	0	51	0
58 Wilberforce University	244	0	0	0	0	110	0	0	0	75	59	0
59 Voorhees College	236	0	0	0	236	0	0	0	0	0	0	0
60 Dillard University	228	97	0	109	22	0	0	0	0	0	0	0
Total 1st 60 institutions	286,586	82,849	740	45,941	6,720	13,001	1,417	67,294	208	36,371	27,984	4,061
61 Concordia College (Selma)	210	0	0	0	210	0	0	0	0	0	0	0
62 Knoxville College	197	0	0	197	0	0	0	0	0	0	0	0
63 Trenholm State Tech Col	180	0	0	0	0	0	0	0	0	180	0	0
64 Huston Tillotson College	148	0	0	0	0	0	0	0	0	148	0	0
65 Selma University	138	0	0	0	0	0	0	0	0	138	0	0
66 Bennett Col (Greensboro)	131	0	0	0	52	0	0	79	0	0	0	0
67 Rust College	104	0	0	100	0	0	0	4	0	0	0	0
68 Edward Waters College	100	0	0	0	0	0	0	0	0	100	0	0
69 Harris Stowe State Col	88	0	0	0	0	0	0	0	0	0	88	0
70 Livingstone College	78	0	0	0	78	0	0	0	0	0	0	0
Total 1st 70 institutions	287,960	82,849	740	46,238	7,060	13,001	1,417	67,377	208	36,937	28,072	4,061
71 Miles College	64	0	0	0	0	0	0	0	0	64	0	0
72 Florida Memorial College	55	0	0	0	25	0	0	0	0	0	0	30
73 Morris College	54	0	0	0	54	0	0	0	0	0	0	0
74 Southwestern Chrstn Col	54	0	0	0	54	0	0	0	0	0	0	0
75 Barber Scotia College	50	0	0	0	50	0	0	0	0	0	0	0
76 Philander Smith College	45	0	0	0	0	0	0	32	0	0	0	13
77 St Augustines College	38	0	0	0	0	0	0	38	0	0	0	0
78 Paine College	27	0	0	0	0	0	0	27	0	0	0	0
79 Lane College	22	0	0	0	22	0	0	0	0	0	0	0
Total 1st 79 institutions	288,369	82,849	740	46,238	7,265	13,001	1,417	67,474	208	37,001	28,072	4,104

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, and Transportation; the Agency for International Development; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1996

Table B-22. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1996: fiscal years 1989-96

[Thousands of dollars]

Institution and ranking	1989	1990	1991	1992	1993	1994	1995	1996
Total, all institutions	92,117	100,966	122,928	143,548	140,981	177,145	202,671	188,625
1 Howard University	12,291	15,541	19,124	19,433	18,417	19,789	30,642	29,207
2 Clark Atlanta University	5,379	7,947	11,010	23,201	7,673	22,097	18,874	11,759
3 Florida A&M University	3,340	4,480	10,121	7,372	9,247	12,864	10,035	11,339
4 NC Ag & Tech State U	6,617	6,078	5,955	6,199	11,372	9,884	13,359	11,050
5 Morehouse College of Med	3,862	4,911	6,051	6,369	3,904	8,420	8,679	10,824
6 Meharry Medical College	5,923	6,608	8,728	9,154	6,214	10,420	9,512	9,920
7 Tennessee State U	3,031	3,988	5,467	5,267	5,025	7,216	8,482	8,411
8 Hampton University	3,464	5,094	5,672	5,244	6,157	8,857	8,601	8,015
9 Morehouse College	333	391	778	523	796	754	2,184	7,555
10 Tuskegee University	3,627	4,151	5,165	5,360	7,008	7,955	10,897	7,272
Total 1st 10 institutions	47,867	59,189	78,071	88,122	75,813	108,256	121,265	115,352
11 Alabama A & M University	4,477	4,702	5,411	6,770	6,501	7,010	7,493	6,511
12 Southern U A&M All Cmp	1,991	2,079	2,599	2,685	4,742	5,752	4,284	5,701
13 Morgan State University	647	1,041	603	1,650	1,307	5,378	2,651	5,341
14 Prairie View A&M U	2,839	3,296	3,472	4,145	4,916	6,207	9,731	4,791
15 Jackson State University	3,204	3,136	3,184	4,190	6,374	3,772	4,600	3,712
16 Xavier U of Louisiana	8,545	1,546	1,821	2,762	1,405	1,686	1,256	3,305
17 Grambling State U	594	557	269	646	617	309	3,878	2,960
18 U of Arkansas Pine Bluff	1,262	1,345	1,545	1,594	1,641	1,685	2,064	2,875
19 Kentucky State University	1,919	2,397	2,364	2,355	2,650	2,880	2,393	2,680
20 Alcorn State University	1,447	1,463	1,819	2,081	2,151	1,889	2,093	2,671
Total 1st 20 institutions	74,792	80,751	101,158	117,000	108,117	144,824	161,708	155,899
21 Fort Valley State U	1,684	2,014	1,897	2,554	2,598	2,367	2,790	2,582
22 Virginia State University	1,776	2,205	2,348	2,430	2,247	2,407	3,095	2,309
23 SC State University	1,593	1,536	1,839	2,263	2,287	3,018	2,401	2,232
24 Texas Southern U	1,612	1,795	1,918	2,153	2,277	3,973	3,316	2,146
25 Lincoln U (Jeffersn City)	1,674	1,902	1,909	2,118	1,887	2,358	2,008	1,964
26 University of DC	1,038	1,294	2,202	2,087	2,150	2,507	2,790	1,806
27 Fisk University	469	707	705	1,139	1,759	1,761	2,101	1,663
28 Langston University	1,146	1,197	1,851	2,053	1,589	1,315	2,218	1,576
29 Morris Brown College	10	172	244	1,002	1,154	1,174	1,493	1,430
30 U of MD Eastern Shore	1,023	1,886	1,560	1,673	1,980	1,693	1,141	1,347
Total 1st 30 institutions	86,817	95,459	117,631	136,472	128,045	167,397	185,061	174,954
31 Elizabeth City State U	0	88	29	70	257	251	926	1,279
32 Spelman College	230	255	320	282	1,252	353	2,148	1,253
33 Delaware State University	487	545	647	1,068	1,531	618	1,190	1,166
34 U of the Virgin Islands	1,052	1,053	1,048	1,167	1,210	1,368	1,545	1,052
35 Central State U (Wlbrfc)	227	605	441	428	1,139	1,696	1,208	959
36 Bowie State University	0	155	175	228	541	132	1,940	891
37 Norfolk State University	816	205	209	562	387	480	962	887
38 Lincoln U (Linc U PA)	648	661	525	318	1,232	453	1,192	736
39 Benedict College	25	41	0	0	157	219	325	690
40 Winston Salem State U	67	0	0	0	0	0	142	606
Total 1st 40 institutions	90,369	99,067	121,025	140,595	135,751	172,967	196,639	184,473
41 Savannah State University	115	86	6	0	0	34	367	454
42 Wiley College	55	113	58	59	199	73	96	371
43 Talladega College	0	0	222	0	239	428	81	366
44 NC Central University	402	395	411	214	521	206	363	274
45 Wilberforce University	0	10	6	11	433	477	482	238
46 Johnson C Smith U	0	7	11	35	0	195	214	216
47 Dillard University	0	10	24	100	120	325	316	206
48 Knoxville College	0	0	0	0	248	247	200	197
49 Trenholm State Tech Col	0	0	0	0	24	178	175	180
50 Fayetteville State U	0	0	0	147	112	117	130	178
Total 1st 50 institutions	90,941	99,688	121,763	141,161	137,647	175,247	199,063	187,153

See explanatory information, if any, and SOURCE at end of table

Table B-22. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1996: fiscal years 1989-96

[Thousands of dollars]

Institution and ranking	1989	1990	1991	1992	1993	1994	1995	1996
51 Jarvis Christian College	59	125	172	502	219	89	233	166
52 Huston Tillotson College	0	0	0	0	8	0	192	148
53 Selma University	0	140	0	139	127	306	0	138
54 Virginia Union University	0	0	0	0	324	0	90	130
55 Claflin College	30	195	151	162	227	111	0	122
56 Oakwood College	0	0	0	198	0	164	80	108
57 Edward Waters College	0	0	0	0	0	300	300	100
58 Rust College	52	12	50	342	188	178	269	100
59 Shaw University	0	20	32	52	74	71	78	92
60 Harris Stowe State Col	0	0	2	3	4	0	4	88
Total 1st 60 institutions	91,082	100,180	122,170	142,559	138,818	176,466	200,309	188,345
61 Tougaloo College	0	0	0	0	0	0	52	77
62 Miles College	0	0	0	0	0	0	132	64
63 Alabama State University	74	0	130	167	12	56	122	46
64 St Augustines College	50	0	0	0	0	0	0	38
65 Paine College	0	0	0	40	0	155	0	27
66 Bennett Col (Greensboro)	45	106	90	251	206	188	394	26
67 Bethune Cookman College	92	5	80	110	0	88	252	2
Albany State University	0	39	0	0	0	0	0	0
Barber Scotia College	0	0	0	0	238	0	0	0
Bluefield State College	0	50	60	0	76	0	15	0
Total 1st 70 institutions	91,343	100,380	122,530	143,127	139,350	176,953	201,276	188,625
Coppin State College	0	25	25	0	0	75	0	0
Hinds CC Raymond	0	0	0	2	369	1	0	0
Lane College	0	0	0	0	44	0	0	0
Le Moyne Owen College	0	270	62	50	69	0	1,026	0
Lewis College of Business	0	0	0	98	0	0	0	0
Livingstone College	0	0	0	0	306	0	0	0
Mary Holmes College	0	0	0	8	0	0	0	0
Mississippi Valley St U	606	10	0	81	131	1	0	0
Paul Quinn College	25	25	0	0	0	0	0	0
Philander Smith College	5	0	6	0	0	65	0	0
Total 1st 80 institutions	91,979	100,710	122,623	143,366	140,269	177,095	202,302	188,625
Stillman College	0	0	0	0	25	0	99	0
Voorhees College	63	14	0	0	324	50	85	0
WV State College	75	242	305	182	363	0	185	0
Total 1st 83 institutions	92,117	100,966	122,928	143,548	140,981	177,145	202,671	188,625

NOTE: Institutions having no current-year obligations are listed in alphabetical order.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

Table B-23. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all institutions	188,625	36,491	206	45,645	0	10,451	1,051	40,357	28,959	23,467	1,998
1 Howard University	29,207	61	144	9,657	0	2,997	205	7,270	2,769	5,854	250
2 Clark Atlanta University	11,759	71	0	4,360	0	940	108	1,685	3,058	1,537	0
3 Florida A&M University	11,339	1,755	0	2,485	0	570	0	2,268	2,398	1,863	0
4 NC Ag & Tech State U	11,050	2,820	0	2,163	0	705	96	32	2,490	1,812	932
5 Morehouse College of Med	10,824	0	0	583	0	0	0	8,333	1,908	0	0
6 Meharry Medical College	9,920	0	0	942	0	0	0	8,199	0	779	0
7 Tennessee State U	8,411	2,393	0	834	0	0	0	914	2,707	1,563	0
8 Hampton University	8,015	0	0	2,640	0	1,262	150	565	1,735	1,663	0
9 Morehouse College	7,555	0	0	7,128	0	5	0	256	0	166	0
10 Tuskegee University	7,272	1,852	0	2,140	0	227	0	1,110	1,590	353	0
Total 1st 10 institutions	115,352	8,952	144	32,932	0	6,706	559	30,632	18,655	15,590	1,182
11 Alabama A & M University	6,511	2,315	0	2,358	0	385	0	0	453	1,000	0
12 Southern U A&M All Cmp	5,701	2,060	0	1,111	0	381	389	938	721	101	0
13 Morgan State University	5,341	0	0	1,199	0	37	70	1,133	940	1,598	364
14 Prairie View A&M U	4,791	2,555	0	932	0	506	0	0	747	51	0
15 Jackson State University	3,712	0	0	790	0	360	0	918	344	1,214	86
16 Xavier U of Louisiana	3,305	0	0	400	0	388	0	464	0	2,053	0
17 Grambling State U	2,960	0	0	2,416	0	0	0	520	0	0	24
18 U of Arkansas Pine Bluff	2,875	2,709	0	0	0	0	0	166	0	0	0
19 Kentucky State University	2,680	2,680	0	0	0	0	0	0	0	0	0
20 Alcorn State University	2,671	2,491	0	0	0	0	0	180	0	0	0
Total 1st 20 institutions	155,899	23,762	144	42,138	0	8,763	1,018	34,951	21,860	21,607	1,656
21 Fort Valley State U	2,582	1,978	0	0	0	423	0	0	0	125	56
22 Virginia State University	2,309	2,052	0	0	0	168	17	1	71	0	0
23 SC State University	2,232	1,328	0	0	0	254	0	0	650	0	0
24 Texas Southern U	2,146	0	0	0	0	0	0	1,337	655	10	144
25 Lincoln U (Jeffersn City)	1,964	1,964	0	0	0	0	0	0	0	0	0
26 University of DC	1,806	566	0	309	0	0	0	29	589	293	20
27 Fisk University	1,663	0	0	383	0	187	0	0	981	112	0
28 Langston University	1,576	1,556	0	0	0	20	0	0	0	0	0
29 Morris Brown College	1,430	0	0	958	0	0	0	279	192	0	1
30 U of MD Eastern Shore	1,347	1,280	0	30	0	0	0	37	0	0	0
Total 1st 30 institutions	174,954	34,486	144	43,818	0	9,815	1,035	36,634	24,998	22,147	1,877
31 Elizabeth City State U	1,279	0	0	338	0	0	0	38	560	341	2
32 Spelman College	1,253	0	0	0	0	242	0	1,011	0	0	0
33 Delaware State University	1,166	836	62	0	0	0	0	268	0	0	0
34 U of the Virgin Islands	1,052	1,032	0	0	0	0	0	0	0	0	20
35 Central State U (Wlbrfc)	959	0	0	0	0	0	0	0	959	0	0
36 Bowie State University	891	0	0	0	0	0	0	0	891	0	0
37 Norfolk State University	887	0	0	0	0	75	16	113	248	336	99
38 Lincoln U (Linc U PA)	736	0	0	718	0	0	0	0	0	18	0
39 Benedict College	690	0	0	0	0	0	0	588	0	102	0
40 Winston Salem State U	606	0	0	0	0	0	0	546	28	32	0
Total 1st 40 institutions	184,473	36,354	206	44,874	0	10,132	1,051	39,198	27,684	22,976	1,998
41 Savannah State University	454	0	0	0	0	0	0	146	267	41	0
42 Wiley College	371	0	0	0	0	0	0	272	0	99	0
43 Talladega College	366	0	0	0	0	0	0	341	0	25	0
44 NC Central University	274	30	0	50	0	194	0	0	0	0	0
45 Wilberforce University	238	0	0	0	0	110	0	0	75	53	0
46 Johnson C Smith U	216	0	0	149	0	0	0	0	67	0	0
47 Dillard University	206	97	0	109	0	0	0	0	0	0	0
48 Knoxville College	197	0	0	197	0	0	0	0	0	0	0
49 Trenholm State Tech Col	180	0	0	0	0	0	0	0	180	0	0
50 Fayetteville State U	178	0	0	0	0	15	0	0	100	63	0
Total 1st 50 institutions	187,153	36,481	206	45,379	0	10,451	1,051	39,957	28,373	23,257	1,998

See explanatory information, if any, and SOURCE at end of table.

Table B-23. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
51 Jarvis Christian College	166	0	0	166	0	0	0	0	0	0	0
52 Huston Tillotson College	148	0	0	0	0	0	0	0	148	0	0
53 Selma University	138	0	0	0	0	0	0	0	138	0	0
54 Virginia Union University	130	0	0	0	0	0	0	130	0	0	0
55 Claflin College	122	0	0	0	0	0	0	0	0	122	0
56 Oakwood College	108	0	0	0	0	0	0	0	108	0	0
57 Edward Waters College	100	0	0	0	0	0	0	0	100	0	0
58 Rust College	100	0	0	100	0	0	0	0	0	0	0
59 Shaw University	92	0	0	0	0	0	0	92	0	0	0
60 Harris Stowe State Col	88	0	0	0	0	0	0	0	0	88	0
Total 1st 60 institutions	188,345	36,481	206	45,645	0	10,451	1,051	40,179	28,867	23,467	1,998
61 Tougaloo College	77	0	0	0	0	0	0	51	26	0	0
62 Miles College	64	0	0	0	0	0	0	0	64	0	0
63 Alabama State University	46	10	0	0	0	0	0	36	0	0	0
64 St Augustines College	38	0	0	0	0	0	0	38	0	0	0
65 Paine College	27	0	0	0	0	0	0	27	0	0	0
66 Bennett Col (Greensboro)	26	0	0	0	0	0	0	26	0	0	0
67 Bethune Cookman College	2	0	0	0	0	0	0	0	2	0	0
Total 1st 67 institutions	188,625	36,491	206	45,645	0	10,451	1,051	40,357	28,959	23,467	1,998

[1] The Department of Defense (DoD) states that more than 90 percent of its development obligations reported for universities and colleges are performed at university affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

[2] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, and Transportation; the Agency for International Development, the General Services Administration, the Nuclear Regulatory Commission, the Office of Justice Programs, and the Social Security Administration.

KEY: USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

Table B-24. Federal obligations for science and engineering to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

System of universities and colleges	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all systems	5,314,407	423,705	107,188	535,146	86,457	229,943	42,885	2,603,212	286,628	899,440	99,803
1 U of CA System	1,195,957	32,724	18,011	108,622	9,086	66,097	6,826	698,037	55,390	190,490	10,674
2 U of Texas Sys	476,247	416	2,658	69,227	2,659	13,711	586	325,331	14,112	46,173	1,374
3 U of North Carolina Sys	303,789	33,596	7,180	24,357	7,495	5,634	5,906	162,388	7,140	36,056	14,037
4 U of Wisconsin Sys	252,254	19,716	6,395	12,722	6,758	18,443	1,277	125,328	11,590	47,977	2,048
5 State U Sys of Florida	225,391	22,002	4,374	33,304	4,188	14,212	1,529	69,149	18,094	52,795	5,744
6 U of Illinois Sys	215,537	20,616	666	27,676	4,655	13,334	774	74,836	5,414	66,627	939
7 Columbia U Sys	210,931	117	5,397	9,262	329	8,250	367	146,571	4,841	35,185	612
8 U of Maryland Sys	198,052	15,865	9,628	20,745	2,003	8,485	2,256	76,715	20,976	35,553	5,826
9 State U of New York Sys	186,276	1,261	4,173	13,357	3,267	7,468	680	107,560	4,596	39,692	4,222
10 U Sys of Georgia	182,553	28,181	5,234	60,932	1,718	5,858	3,248	33,720	7,911	31,311	4,440
11 U & St Col AZ System	181,420	8,774	1,473	21,890	3,580	6,686	5,146	65,136	24,926	39,318	4,491
12 U of Alabama Sys	172,474	0	0	9,664	1,607	2,864	592	122,310	26,662	7,719	1,056
13 Oregon St Higher Ed Sys	160,640	21,538	4,529	8,456	5,964	9,060	4,230	68,490	4,531	26,316	7,526
14 Utah Higher Ed Sys	131,054	7,280	508	24,587	2,251	6,903	382	65,067	4,072	19,248	756
15 City U of New York Sys	107,149	0	0	2,596	2,795	1,507	0	80,494	3,228	14,749	1,780
16 Texas A&M U Sys	103,864	37,477	3,376	6,637	748	5,659	1,022	23,280	5,300	14,611	5,754
17 U of Massachusetts Sys	101,815	7,988	527	11,071	771	2,826	853	56,900	2,469	17,042	1,368
18 Indiana U Sys	99,978	72	0	2,053	1,154	3,663	1,098	68,933	834	20,386	1,785
19 CA St U & Col System	80,065	575	896	7,330	9,340	1,015	619	26,201	6,421	26,886	782
20 Louisiana State U Sys	77,185	15,239	2,417	18,309	428	2,494	535	27,254	2,140	5,934	2,435
21 U of Hawaii Sys	70,073	11,643	8,309	2,894	633	2,810	192	17,155	7,708	17,444	1,285
22 U of Tennessee Sys	69,348	19,560	366	4,206	236	6,080	912	27,928	670	6,749	2,641
23 Colorado State U Sys	62,201	11,680	4,799	3,856	222	3,422	1,352	19,504	2,409	11,855	3,102
24 U of Missouri Sys	61,522	21,503	31	2,686	2,729	2,587	142	21,222	1,195	8,740	687
25 U of Nebraska Sys	60,914	15,923	341	3,286	466	767	24	18,988	1,343	14,525	5,251
26 U of Arkansas Sys	56,198	23,520	0	6,271	3,183	200	0	19,482	517	1,757	1,268
27 U of Puerto Rico Sys	46,163	12,351	514	3,602	388	999	70	17,915	2,952	7,334	38
28 Montana U Sys	36,238	8,484	827	4,528	1,476	1,491	500	4,885	2,173	11,607	267
29 U of Alaska Sys	32,627	3,772	4,756	752	433	98	15	2,380	9,194	6,742	4,485
30 U of New Hampshire Sys	29,957	3,851	3,345	307	303	610	188	2,839	11,661	6,753	100
31 U of Nevada Sys	27,301	3,232	944	1,332	198	3,908	1,004	6,497	922	7,666	1,598
32 U of Houston Sys	23,558	50	26	1,238	90	1,034	120	5,716	10,276	4,875	133
33 St U & CC Sys Tennessee	20,024	5,898	0	948	541	240	123	6,316	2,980	2,588	390
34 U of Maine Sys	15,664	7,204	2,591	987	236	511	277	628	74	2,990	166
35 U of Louisiana Sys	10,016	438	750	2,920	481	20	0	2,263	152	2,761	231
36 Southern Illinois U Sys	7,023	794	0	70	210	610	0	3,584	63	1,682	10
37 Texas State University Sys	3,008	294	0	1,160	691	0	0	53	103	680	27
38 U of South Dakota Sys	2,719	0	0	0	220	0	0	677	0	1,772	50
39 Fundacion Ed G Mendez	2,607	0	0	20	260	0	0	0	202	2,125	0
40 NC Cmty Col System	2,445	0	2,000	0	245	0	0	0	0	200	0

See explanatory information, if any, and SOURCE at end of table

Table B-24. Federal obligations for science and engineering to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

System of universities and colleges	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
41 Claremont Colleges Sys	2,236	42	0	0	279	0	0	671	85	1,159	0
42 Minnesota St Cols & Univs	1,672	14	0	0	447	0	0	200	176	835	0
43 Contra Costa CC Dist Sys	1,279	0	0	1,260	0	0	0	0	0	19	0
44 Massachusetts CC Sys	1,102	0	0	0	227	0	0	0	0	875	0
45 State Sys of Higher Ed	1,093	3	147	18	96	0	40	0	0	789	0
46 Foothill Deanza CC Dist	1,042	0	0	0	0	0	0	0	1,042	0	0
47 Inter American U PR Sys	786	0	0	0	440	0	0	0	0	196	150
48 Los Angeles Cmty Col Sys	572	0	0	0	0	0	0	572	0	0	0
49 Massachusetts St Col Sys	419	0	0	0	0	0	0	0	0	144	275
50 CA Schl Prof Psych Sys	400	0	0	0	400	0	0	0	0	0	0
51 San Diego Dist CC Sys	387	0	0	0	0	387	0	0	0	0	0
52 Cmty Col of Denver Sys	289	1	0	0	283	0	0	0	0	5	0
53 West Valley Joint CC Sys	251	0	0	0	0	0	0	0	0	251	0
54 Dallas Co Cmty Col Sys	185	0	0	0	173	0	0	0	0	12	0
55 Virginia Cmty Col Sys	147	0	0	0	0	0	0	0	10	137	0
56 Troy State U Sys	131	11	0	8	75	0	0	37	0	0	0
57 Illinois Eastern CC Sys	80	0	0	0	0	0	0	0	0	80	0
58 San Mateo CC Sys	74	0	0	0	0	0	0	0	74	0	0
59 Ventura Co CC Dist Sys	25	0	0	0	0	0	0	0	0	25	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, and Transportation, the Agency for International Development, the General Services Administration, the Nuclear Regulatory Commission, the Office of Justice Programs, and the Social Security Administration.

NOTE: Includes obligations to every individual institution included within each system.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

Table B-25. Federal obligations for science and engineering research and development to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

System of universities and colleges	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all systems	4,521,010	198,061	62,104	503,550	36,764	225,294	36,527	2,407,207	257,895	726,163	67,445
1 U of CA System	1,068,193	18,020	13,819	107,491	7,844	64,748	6,082	651,046	54,000	134,976	10,167
2 U of Texas Sys	435,866	335	1,640	63,164	249	13,711	347	306,776	12,474	36,101	1,069
3 U of North Carolina Sys	245,964	13,247	4,468	24,183	4,201	5,534	3,347	147,262	6,098	32,394	5,230
4 U of Wisconsin Sys	224,120	9,033	3,803	12,596	5,240	18,199	1,200	117,186	11,182	44,675	1,006
5 Columbia U Sys	194,993	117	5,397	8,063	329	8,051	299	134,998	4,709	32,418	612
6 State U Sys of Florida	187,098	10,186	3,146	32,481	1,014	13,606	1,270	61,131	14,524	46,249	3,491
7 U of Illinois Sys	182,358	8,511	373	26,703	2,602	13,314	660	68,878	4,634	55,956	727
8 U of Maryland Sys	171,093	6,621	6,328	20,179	71	8,395	2,137	73,917	19,539	29,535	4,371
9 State U of New York Sys	170,270	1,181	2,620	13,321	2,699	7,368	604	102,159	4,530	33,339	2,449
10 U of Alabama Sys	158,507	0	0	9,662	1,379	2,864	592	114,242	24,294	4,418	1,056
11 U & St Col AZ System	154,370	4,707	985	21,650	893	6,562	4,368	59,618	23,792	29,555	2,240
12 U Sys of Georgia	133,554	11,109	757	43,929	252	5,858	3,153	31,272	7,039	25,849	4,336
13 Oregon St Higher Ed Sys	125,850	11,586	2,455	8,256	1,996	8,845	3,909	60,177	4,276	22,434	1,916
14 Utah Higher Ed Sys	118,433	4,018	474	23,562	223	6,699	357	61,979	3,618	16,852	651
15 City U of New York Sys	95,565	0	0	2,596	1,103	1,338	0	71,820	3,228	13,881	1,599
16 Indiana U Sys	90,158	72	0	2,022	279	3,607	1,042	65,183	742	17,026	185
17 U of Massachusetts Sys	88,400	4,138	527	11,056	0	2,811	795	54,231	2,403	11,073	1,366
18 Texas A&M U Sys	71,462	14,347	2,209	6,601	0	5,439	942	21,844	3,853	13,335	2,892
19 Louisiana State U Sys	62,189	5,647	1,206	17,616	0	2,472	535	26,017	1,554	4,896	2,246
20 U of Hawaii Sys	57,299	9,795	3,581	2,781	146	2,760	140	15,479	4,767	16,565	1,285
21 CA St U & Col System	53,483	368	896	6,777	596	1,015	515	15,106	5,190	22,358	662
22 Colorado State U Sys	51,351	7,293	1,000	3,826	0	3,117	1,147	18,548	2,275	11,118	3,027
23 U of Tennessee Sys	51,117	5,865	124	4,202	0	5,706	862	26,834	573	4,315	2,636
24 U of Nebraska Sys	47,013	7,968	48	3,284	135	767	0	17,858	1,043	11,761	4,149
25 U of Missouri Sys	44,660	9,693	31	2,682	1,802	2,400	89	18,924	980	7,372	687
26 U of Arkansas Sys	41,159	12,097	0	6,078	1,375	200	0	18,716	324	1,274	1,095
27 U of Puerto Rico Sys	27,951	4,135	257	3,602	0	999	70	12,384	2,688	3,796	20
28 Montana U Sys	24,560	4,749	300	4,528	836	1,491	500	4,420	1,914	5,557	265
29 U of Alaska Sys	23,961	1,821	3,078	702	0	98	15	2,151	6,988	6,153	2,955
30 U of New Hampshire Sys	23,942	1,735	1,956	307	137	610	188	2,641	10,642	5,626	100
31 U of Nevada Sys	23,032	1,394	130	1,121	0	3,908	832	6,124	729	7,206	1,588
32 U of Houston Sys	22,060	50	26	1,221	0	1,034	90	5,462	9,759	4,285	133
33 St U & CC Sys Tennessee	15,074	2,909	0	887	370	240	123	5,345	2,844	1,994	362
34 U of Maine Sys	9,663	3,791	323	987	0	511	277	559	59	2,990	166
35 U of Louisiana Sys	7,446	438	0	2,920	0	20	0	1,623	130	2,084	231
36 Southern Illinois U Sys	6,606	726	0	48	0	610	0	3,539	63	1,620	0
37 U of South Dakota Sys	2,205	0	0	0	0	0	0	654	0	1,501	50
38 Texas State University Sys	2,124	294	0	1,160	121	0	0	39	103	407	0
39 Claremont Colleges Sys	1,793	42	0	0	0	0	0	671	85	995	0
40 Contra Costa CC Dist Sys	1,260	0	0	1,260	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-25. Federal obligations for science and engineering research and development to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

System of universities and colleges	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
41 Minnesota St Cols & Univs	1,004	13	0	0	0	0	0	158	176	657	0
42 Massachusetts CC Sys	932	0	0	0	227	0	0	0	0	705	0
43 State Sys of Higher Ed	630	0	147	18	0	0	40	0	0	425	0
44 NC Cmty Col System	445	0	0	0	245	0	0	0	0	200	0
45 CA Schl Prof Psych Sys	400	0	0	0	400	0	0	0	0	0	0
46 San Diego Dist CC Sys	387	0	0	0	0	387	0	0	0	0	0
47 Massachusetts St Col Sys	375	0	0	0	0	0	0	0	0	100	275
48 Los Angeles Cmty Col Sys	236	0	0	0	0	0	0	236	0	0	0
49 Inter American U PR Sys	150	0	0	0	0	0	0	0	0	0	150
50 Virginia Cmty Col Sys	137	0	0	0	0	0	0	0	0	137	0
51 San Mateo CC Sys	74	0	0	0	0	0	0	0	74	0	0
52 Fundacion Ed G Mendez	20	0	0	20	0	0	0	0	0	0	0
53 Troy State U Sys	18	10	0	8	0	0	0	0	0	0	0

[1] The Department of Defense (DoD) states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

[2] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, and Transportation; the Agency for International Development; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTE: Includes obligations to every individual institution included within each system.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

BEST COPY AVAILABLE

Table B-26. Federal obligations for science and engineering research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1996: fiscal years 1989-96

[Thousands of dollars]

Institution and ranking	1989	1990	1991	1992	1993	1994	1995	1996
Total, all institutions	2,108,132	2,284,543	2,800,054	3,202,620	3,156,325	3,120,005	3,194,442	3,112,853
1 Draper Laboratories	142,685	136,012	67,725	41,113	64,327	168,154	264,151	221,275
2 Mitre Corporation	17,297	10,339	256,088	247,720	245,731	236,086	188,943	206,849
3 MA General Hospital	56,838	66,461	81,498	90,594	89,109	104,162	111,013	113,314
4 Brigham and Womens Hosp	59,894	61,715	79,509	82,081	86,394	98,234	103,392	99,783
5 Scripps Clinic & Rsch Fdn	54,549	57,706	55,798	69,467	72,560	82,915	83,216	92,164
6 Sematech, Inc	100,000	100,000	96,700	97,600	92,935	88,696	87,900	84,587
7 F Hutchnsn Cancer Rsch	40,833	44,047	51,856	56,201	54,622	62,757	95,104	79,983
8 Battelle Memorial Inst	,51,666	42,615	53,428	62,957	78,524	107,034	79,519	75,487
9 Natl Academy of Sciences	63,490	55,376	57,985	76,839	75,895	93,467	78,484	66,822
10 SRI International	60,986	54,390	52,548	63,169	64,368	57,254	59,225	61,148
Total 1st 10 institutions	648,238	628,661	853,135	887,741	924,465	1,098,759	1,150,947	1,101,412
11 H M Jackson Foundation	5,928	28,448	7,330	9,383	9,442	77,572	28,350	60,814
12 Dana-Farber Cancer Inst	41,799	41,687	43,222	50,369	51,700	54,502	46,855	55,984
13 Assc U Rsch & Astronomy	27,346	31,672	47,349	47,540	54,816	60,227	61,283	55,489
14 Mem Sloan-Kettering Canc	44,595	43,609	46,238	48,551	48,438	49,213	50,577	54,631
15 Research Triangle Inst	61,663	54,106	57,760	50,049	44,105	63,662	49,315	43,778
16 Child Hosp (Boston, MA)	23,366	27,030	28,355	32,674	32,816	38,954	37,822	42,463
17 Analytic Services, Inc	28,475	24,397	40,655	34,799	29,786	33,673	39,210	39,851
18 Beth Israel Deac Med Ctr	15,684	16,155	18,243	20,315	23,142	24,964	29,046	34,412
19 IIT Research Institute	91,856	69,696	24,542	78,139	61,310	48,270	35,777	34,227
20 Joint Ocean Insts, Inc	26,213	26,392	29,327	29,306	30,487	34,200	33,910	33,749
Total 1st 20 institutions	1,015,163	991,853	1,196,156	1,288,866	1,310,507	1,583,996	1,563,092	1,556,810
21 Salk Inst for Biol Study	27,184	29,405	34,738	36,698	33,785	35,751	30,897	33,274
22 Universities Space Rsch	8,651	8,447	29,295	32,157	31,883	37,987	36,354	30,062
23 SC Research Authority	3,500	66	158	71,354	18,219	31,324	49,948	27,762
24 Child Hosp Phila	11,619	11,888	12,782	14,989	17,329	19,916	25,942	26,309
25 Cleveland Clinic Fdn	12,506	11,078	13,087	14,246	14,139	21,285	22,347	25,293
26 Rand Corporation[1]	33,051	90,006	87,512	14,170	11,506	19,048	26,791	24,992
27 New Eng Med Ctr & Hosp	19,887	17,357	21,423	21,613	23,642	25,303	25,948	24,322
28 St Jude Child Rsch Hosp	11,756	12,137	13,796	16,458	18,737	19,951	19,150	23,235
29 Rush Presbyterian St Luke	5,791	7,173	9,196	10,381	13,449	14,433	18,559	22,803
30 U Corp for Atmosph Rsch	3,149	7,332	4,822	5,688	1,297	4,012	16,324	22,544
Total 1st 30 institutions	1,152,257	1,186,742	1,422,965	1,526,620	1,494,493	1,813,006	1,835,352	1,817,406
31 Whitehead Inst Biomed	8,239	8,523	8,666	7,792	15,895	17,632	22,609	22,150
32 Cold Spring Harbor Lab	13,447	16,519	17,762	19,799	19,858	20,544	19,433	21,923
33 Southern Research Inst	21,307	21,144	20,132	19,880	22,528	27,916	19,071	21,905
34 Jackson Laboratory	10,600	19,688	19,972	11,353	12,994	16,588	17,538	21,370
35 Allegheny Singer Rsch	1,070	1,189	1,761	1,825	2,310	2,505	5,767	19,431
36 Natl Marrow Donor Program	0	0	6,900	0	20,202	1,060	46,095	19,000
37 Natl Ctr Manufactrng Sci	0	0	35,270	3,248	37,861	43,741	22,598	18,920
38 Educational Testing Srvc	811	1,021	658	1,780	2,022	827	28,340	18,439
39 Burnham Institute, The	8,756	8,371	8,777	12,021	11,923	12,201	14,935	18,367
40 Natl Jewish Med Rsch Ctr	9,975	10,814	12,618	13,686	14,142	16,368	16,870	18,008
Total 1st 40 institutions	1,226,462	1,274,011	1,555,481	1,618,004	1,654,228	1,972,388	2,048,608	2,016,919
41 Environmental Rsch Inst	13,773	18,241	14,714	16,266	21,540	10,817	14,202	17,858
42 Calspan U Buffalo Rsch	1,799	244	0	378	136	311	30,307	16,624
43 Am Assc Retired Persons	0	51	0	20,384	1,122	24,948	24,383	16,535
44 Child Hosp Med Ctr Cincin	4,566	5,488	7,059	8,484	7,980	10,165	11,977	16,392
45 Wistar Institute	21,986	20,889	21,131	19,014	14,302	12,893	13,299	15,900
46 Southwest Research Inst	32,104	29,344	20,810	22,072	29,917	27,723	29,451	14,729
47 Ctr Blood Research	6,662	7,064	7,474	9,564	8,066	8,991	12,942	14,401
48 Kaiser Fdn Rsch Inst	9,375	9,869	9,244	10,415	10,902	10,046	11,696	13,685
49 OR Reg Primate Rsch Ctr	9,608	9,558	9,210	10,102	4,585	11,173	11,975	13,422
50 Montefiore Hosp & Med Ctr	9,260	9,781	10,698	11,309	11,305	13,054	13,274	13,099
Total 1st 50 institutions	1,335,595	1,384,540	1,655,821	1,745,992	1,764,083	2,102,509	2,222,114	2,169,564

See explanatory information, if any, and SOURCE at end of table.

Table B-26. Federal obligations for science and engineering research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1996: fiscal years 1989-96

[Thousands of dollars]

Institution and ranking	1989	1990	1991	1992	1993	1994	1995	1996
51 Focus Hope	0	0	0	18,600	18,671	20,193	13,391	12,862
52 Cleveland Adv Manu Prg	0	0	0	0	2,414	548	4,996	12,502
53 McLean Hospital	10,444	10,759	10,324	11,747	10,511	10,032	10,401	12,239
54 New Eng Deaconess Hosp	9,484	7,678	9,363	10,630	13,977	12,673	8,787	12,117
55 American Hlth Fdn, Inc	11,780	11,516	11,324	8,515	11,706	11,504	13,392	10,774
56 Natl Bureau Econ Rsch Inc	4,608	4,516	4,285	5,569	5,214	8,113	8,799	10,119
57 Am Registry Pathology	46	3,559	33	31	0	1,343	63	9,573
58 Cedars Sinai Med Ctr	6,585	5,484	4,977	7,196	9,179	10,888	7,710	9,135
59 Joslin Diabetes Fdn Inc	4,129	4,829	5,239	7,270	7,955	10,742	10,012	8,946
60 Jay David Gladstone Fdn	2,371	2,896	2,049	4,609	5,225	5,456	6,504	8,936
Total 1st 60 institutions	1,385,042	1,435,777	1,703,415	1,820,159	1,848,935	2,194,001	2,306,169	2,276,767
61 Frontier Sci & Tech Rsch	1,552	1,585	1,588	1,842	1,853	2,437	7,103	8,842
62 Jewish Hosp of St Louis	9,656	10,914	12,553	10,504	8,971	9,227	10,374	8,747
63 Child Hosp Los Angeles	6,911	7,427	8,921	9,048	7,474	8,045	8,428	8,649
64 MA Eye & Ear Infirmary	6,322	6,659	6,490	7,345	6,976	7,719	8,312	8,649
65 Oklahoma Med Rsch Fdn	4,826	4,527	5,781	5,526	5,490	5,863	7,799	8,568
66 Schepens Eye Rsch Inst	6,342	6,249	7,555	6,300	5,906	6,335	7,610	8,550
67 Boston Medical Center	4,842	5,937	7,590	7,517	6,645	7,410	6,864	8,541
68 Ohio Aerospace Institute	0	0	2,755	5,482	7,109	6,455	7,556	8,438
69 Oregon Research Inst	2,944	4,692	5,294	6,166	6,556	7,837	7,695	8,422
70 Public Health Res Inst	4,920	4,394	4,680	4,962	4,968	5,390	5,710	8,281
Total 1st 70 institutions	1,433,357	1,488,161	1,766,622	1,884,851	1,910,883	2,260,719	2,383,620	2,362,454
71 Child Hosp Pittsburgh	3,749	3,815	11,826	7,084	5,200	12,800	8,215	8,278
72 Am Assc Advancment Sci	1,551	1,074	2,644	1,432	2,979	3,045	3,424	8,179
73 WV High Tech Cnsrtm	0	0	0	0	1,500	1,500	2,400	7,851
74 J Hopkins Bayview Med Ctr	0	0	0	0	0	5,247	6,475	7,750
75 Am Col of Radiology	0	5	0	0	7,243	9,084	7,033	7,746
76 Lovelace Institutes, The	112	30	80	104	142	266	404	7,693
77 Inst for Cancer Research	505	149	8,865	7,062	9,578	7,741	7,648	7,594
78 Family Health Intl	0	0	0	0	0	476	8,467	7,540
79 St Lukes-Rsvlt Inst Hlth	3,872	4,798	4,167	4,694	5,905	7,305	6,599	7,502
80 Carnegie Inst Washington	3,086	3,580	3,925	5,558	6,368	8,513	7,697	6,840
Total 1st 80 institutions	1,446,232	1,501,612	1,798,129	1,910,785	1,949,798	2,316,696	2,441,982	2,439,427
81 Mayo Foundation	39,801	37,521	43,232	6,673	4,977	8,434	9,058	6,835
82 MPC Corporation	12,520	15,763	18,065	18,663	18,053	20,385	20,458	6,807
83 Natl Sr Ctzns Ed & Rsch	0	0	0	0	0	0	8,508	6,791
84 Rhode Island Hospital	2,622	2,770	4,009	3,840	4,572	5,131	4,407	6,783
85 Long Island Jew Hillside	3,845	2,858	3,686	4,353	5,112	4,823	5,702	6,581
86 Natl Caucus Ctr Black Age	0	0	0	275	1,247	7,258	8,782	6,470
87 Beckman Research Inst	6,119	6,643	5,766	8,089	7,804	8,438	5,386	6,422
88 Worcester Fdn Exper Bio	10,130	9,605	9,356	9,546	8,661	9,497	7,635	6,357
89 Child Hosp Med Ctr Seat	1,815	1,610	3,019	4,378	4,435	6,015	5,676	6,331
90 Forsyth Dental Center	4,874	5,387	5,856	6,297	5,366	5,878	5,540	6,237
Total 1st 90 institutions	1,527,958	1,583,769	1,891,118	1,972,899	2,010,025	2,392,555	2,523,134	2,505,041
91 Child Hosp Natl Med Ctr	1,958	2,358	4,216	3,320	4,505	5,813	6,049	6,036
92 Western Research Inst	20,785	7,495	6,493	3,988	5,010	4,822	6,950	6,000
93 Friends Med Sci Rsch Ctr	2,938	4,209	3,869	3,736	4,091	4,182	4,652	5,862
94 Magee Womens Hosp	992	979	932	994	1,733	2,141	4,314	5,768
95 Missouri Botanical Garden	1,525	1,002	723	2,289	704	901	1,515	5,424
96 Oregon Socl Learning Ctr	1,824	2,096	3,383	4,156	4,194	4,269	4,473	5,285
97 Midwest Research Inst	10,521	5,258	7,807	23,372	20,267	20,429	5,066	5,249
98 U City Science Center	7,191	6,570	6,392	5,640	7,998	4,233	6,342	5,228
99 Providence Med Ctr Prtlnd	882	1,136	492	515	449	353	464	5,129
100 Intl Standards Initiative	0	0	0	0	0	0	25	5,025
Total 1st 100 institutions	1,576,574	1,614,872	1,925,425	2,020,909	2,058,976	2,439,698	2,562,984	2,560,047

[1] The fiscal year 1992, 1993, and 1994 obligations from the Department of Defense (DoD) to the Rand Corporation were mostly reported to three federally funded research and development centers administered by the Rand Corporation: Project Air Force, the Arroyo Center, and the National Defense Research Institute. Fiscal year 1991 obligations from DoD for the four entities were all reported as the Rand Corporation.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
United States, total	3,112,853	16,131	50,309	999,547	34,674	54,184	105,906	1,477,357	179,063	158,528	37,154
New England, total	1,023,906	100	614	429,917	1,422	4,904	6,932	548,178	13,864	14,599	3,376
Connecticut, total	8,960	0	204	1,133	0	0	0	6,855	92	676	0
Bridgeport Hospital	9	0	0	0	0	0	0	9	0	0	0
CT Bus & Indust Assc	145	0	0	0	0	0	0	0	0	145	0
Hartford Hospital	71	0	0	0	0	0	0	71	0	0	0
Haskins Laboratories, Inc	2,282	0	0	0	0	0	0	2,162	0	120	0
Human Relations Area File	54	0	0	0	0	0	0	0	0	54	0
John B Pierce Fdn of CT	4,595	0	0	1,133	0	0	0	3,370	92	0	0
Science Center of CT	204	0	204	0	0	0	0	0	0	0	0
Societal Inst of Math Sci	640	0	0	0	0	0	0	640	0	0	0
St Francis Hosp & Med Ctr	603	0	0	0	0	0	0	603	0	0	0
Yale Southern Observatory	357	0	0	0	0	0	0	0	0	357	0
Maine, total	24,711	0	0	912	0	246	26	21,227	587	1,710	3
Charles A Dean Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Down East Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
Jackson Laboratory	21,370	0	0	480	0	246	0	20,378	0	266	0
Legl Svcs for the Elderly	90	0	0	0	0	0	0	90	0	0	0
ME Medical Assessment Fdn	114	0	0	0	0	0	0	114	0	0	0
ME Sci & Tech Fdn	1,650	0	0	0	0	0	0	0	206	1,444	0
Maine Coast Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Maine Medical Center	160	0	0	0	0	0	0	160	0	0	0
Mount Desert Isld Bio Lab	320	0	0	0	0	0	0	320	0	0	0
Northeastern Rsch Fdn	813	0	0	432	0	0	0	0	381	0	0
Public Hlth Rsch Inst	41	0	0	0	0	0	26	15	0	0	0
Women Unlimited	3	0	0	0	0	0	0	0	0	0	3
Massachusetts, total	966,652	59	311	427,481	1,422	4,649	3,974	501,502	12,899	10,983	3,372
Action Boston Cmty Dvlpmt	156	0	0	0	0	0	0	67	0	0	89
Alliance Wom Bus Prof Org	1	0	0	0	0	0	0	0	0	0	1
Am Acad of Arts & Sci	112	0	0	0	0	0	0	0	0	112	0
Am Assc Variable Star Obs	5	0	0	0	0	0	0	0	5	0	0
Am Meteorological Soc	1,341	0	0	30	0	0	0	0	0	1,311	0
Appalachian Mountain Club	4	4	0	0	0	0	0	0	0	0	0
Assc Physical Sys Math	20	0	0	0	0	0	0	0	20	0	0
Assc Women Mathematics	51	0	0	0	0	0	0	0	0	51	0
Bay State Medical Center	204	0	0	0	0	0	0	204	0	0	0
Beth Israel Deac Med Ctr	34,412	0	0	300	0	0	0	34,021	91	0	0
Better Homes Fund, The	84	0	0	0	0	0	0	84	0	0	0
Boston Biomedical Rsch	4,806	0	0	0	0	0	0	4,648	0	158	0
Boston Medical Center	8,541	0	0	0	0	0	0	8,541	0	0	0
Brigham and Womens Hosp	99,783	0	0	876	0	0	243	96,823	1,334	507	0
Cambridge Med Care Fdn	71	0	71	0	0	0	0	0	0	0	0
Child Hosp (Boston, MA)	42,463	0	0	0	425	20	0	41,659	35	324	0
Childrens Museum Boston	274	0	0	0	0	0	0	0	0	274	0
Cnsrtm Energy Efficiency	250	0	0	0	0	0	250	0	0	0	0
Cnsvtn Law Fdn New Eng	78	0	0	0	0	0	78	0	0	0	0
Computer Museum	572	0	0	0	0	0	0	0	0	572	0
Conservation Svcs Group	172	0	0	0	0	0	172	0	0	0	0
Ctr Blood Research	14,401	0	0	0	0	0	0	14,401	0	0	0
Ctr Hlth Economic Rsch	226	0	0	0	0	0	0	226	0	0	0
Ctr Tech Commercializatn	1,600	0	0	0	0	0	0	0	1,600	0	0
Dana Farber Cancer Inst	55,984	0	0	351	0	0	0	55,633	0	0	0
Draper Laboratories	221,275	0	0	215,114	0	0	0	0	6,161	0	0
EK Shriver Ctr Mental	4,590	0	0	0	0	142	0	4,443	0	5	0

See explanatory information, if any, and SOURCE at end of table

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New England, continued											
Massachusetts, continued											
Education Development Ctr	3,099	0	0	261	748	0	0	1,790	0	0	300
Environmental Careers Org	2,620	0	0	0	0	0	0	0	0	0	2,620
Forsyth Dental Center	6,237	0	0	0	0	0	0	6,237	0	0	0
Frontier Sci & Tech Rsch	8,842	0	0	0	0	0	0	8,842	0	0	0
Hebrew Rehab Center	3,560	0	0	0	0	0	0	3,560	0	0	0
Humn Svc Rsch (Cmbrg MA)	1,250	0	0	0	0	0	0	1,250	0	0	0
Inst Circadian Physiology	277	0	0	0	0	0	0	0	277	0	0
Inst for Responsible Mgt	150	0	0	0	0	0	150	0	0	0	0
Inst for Sci Rsch Inc	190	0	0	0	0	0	0	0	125	65	0
Intl Space University	150	0	0	0	0	0	0	0	150	0	0
JASON Fdn for Education	130	0	0	0	0	0	0	0	130	0	0
Joslin Diabetes Fdn Inc	8,946	0	0	0	0	0	0	8,946	0	0	0
Latino Health Institute	100	0	0	0	0	0	0	0	0	0	100
Local Env Initiatives	1,463	0	0	0	0	0	1,463	0	0	0	0
MA Eye & Ear Infirmary	8,649	0	0	120	0	0	0	8,529	0	0	0
MA Fdn Exclnc Marine Poly	725	0	0	0	0	0	725	0	0	0	0
MA General Hospital	113,314	55	0	4,970	0	593	0	107,376	320	0	0
MA Health Research Inst	2,189	0	0	0	125	0	0	2,064	0	0	0
MA Pirg Ed Fund	3	0	0	0	0	0	0	0	0	0	3
Maria Mitchell Observ	60	0	0	0	0	0	0	0	0	60	0
Marine Biological Lab	3,039	0	0	60	0	230	244	1,989	516	0	0
Mass Mentl Hlth Rsch Corp	193	0	0	0	0	0	0	0	193	0	0
McLean Hospital	12,239	0	0	0	0	0	0	12,239	0	0	0
Mitre Corporation	206,849	0	180	202,895	0	1,279	0	1,400	983	112	0
Museum of Science	193	0	0	0	0	0	0	0	0	193	0
Natl Bureau Econ Rsch Inc	10,119	0	0	0	0	0	0	4,932	0	5,187	0
Natl Consumer Law Inc	60	0	0	0	0	0	0	60	0	0	0
Natl Env Policy & Law Ctr	30	0	0	0	0	0	30	0	0	0	0
Network, Inc	354	0	0	0	0	0	0	0	0	354	0
New Eng Deaconess Hosp	12,117	0	0	1,073	0	0	0	10,470	460	114	0
New Eng Med Ctr & Hosp	24,322	0	0	300	0	1,100	0	22,922	0	0	0
New England Aquarium Corp	797	0	0	0	0	0	0	0	0	797	0
Noddles Isld Multi-Svc Ag	230	0	0	0	0	0	0	0	0	0	230
Operation Able	2	0	0	0	0	0	0	0	0	0	2
Rudy Bruner Foundation	27	0	0	0	0	0	0	0	0	0	27
Schepens Eye Rsch Inst	8,550	0	0	0	0	300	0	8,250	0	0	0
Sea Education Association	203	0	0	0	0	0	0	0	0	203	0
St Eliz Hosp Boston MA	3,609	0	0	0	0	0	0	3,609	0	0	0
Tellus Institute, Inc	323	0	0	0	0	0	323	0	0	0	0
WGBH Educational Fdn	184	0	60	0	124	0	0	0	0	0	0
Waste Watch Center, The	25	0	0	0	0	0	25	0	0	0	0
Whitehead Inst Biomed	22,150	0	0	912	0	319	0	20,456	0	463	0
Woods Hole Research Ctr	1,250	0	0	0	0	480	271	0	499	0	0
Worcester Fdn Exper Bio	6,357	0	0	219	0	186	0	5,831	0	121	0
New Hampshire, total	587	0	99	334	0	0	0	153	0	0	1
Adult Learning Center	1	0	0	0	0	0	0	0	0	0	1
Autonms Undersea Sys Inst	334	0	0	334	0	0	0	0	0	0	0
Littleton Hospital	50	0	0	0	0	0	0	50	0	0	0
SE Regional Ed Svc Ctr	99	0	99	0	0	0	0	0	0	0	0
Speare Mem Hosp Assoc	3	0	0	0	0	0	0	3	0	0	0
Upper Court Valley Hosp	50	0	0	0	0	0	0	50	0	0	0
Valley Regional Hospital	50	0	0	0	0	0	0	50	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New England, continued:											
Rhode Island, total	19,822	41	0	57	0	9	59	18,140	286	1,230	0
Aging 2000	25	0	0	0	0	0	0	25	0	0	0
Am Mathematical Society	511	0	0	40	0	0	0	0	0	471	0
Butler Hospital	1,260	0	0	0	0	0	0	1,260	0	0	0
Emma Pendleton Bradley	1,900	0	0	0	0	0	0	1,900	0	0	0
Gordon Rsch Conferences	197	41	0	17	0	9	50	0	60	20	0
Marine Env Ed Fdn, Inc	9	0	0	0	0	0	9	0	0	0	0
Memorial Hosp Pawtucket	997	0	0	0	0	0	0	997	0	0	0
Miriam Hospital	4,298	0	0	0	0	0	0	4,072	226	0	0
NMR Concepts	217	0	0	0	0	0	0	0	0	217	0
Rhode Island Hospital	6,783	0	0	0	0	0	0	6,773	0	10	0
Rhode Island Zoo Society	512	0	0	0	0	0	0	0	0	512	0
Roger Williams Gen Hosp	1,735	0	0	0	0	0	0	1,735	0	0	0
Women & Infants Hosp	1,378	0	0	0	0	0	0	1,378	0	0	0
Vermont, total	3,174	0	0	0	0	0	2,873	301	0	0	0
Copley Hospital	50	0	0	0	0	0	0	50	0	0	0
Gifford Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0
Grace Cottage Hosp	50	0	0	0	0	0	0	50	0	0	0
Green Mt Inst Env Demcrcy	538	0	0	0	0	0	538	0	0	0	0
Inst Sustainable Cmnts	2,305	0	0	0	0	0	2,305	0	0	0	0
Rutland Regional Med Ctr	151	0	0	0	0	0	0	151	0	0	0
VT Energy Investment Corp	30	0	0	0	0	0	30	0	0	0	0
Middle Atlantic, total	381,663	2,755	5,707	38,267	20,023	5,092	4,962	247,601	2,583	52,885	1,788
New Jersey, total	27,970	0	55	2	18,812	279	85	8,261	114	361	1
Coriell Inst for Med Rsch	3,478	0	0	0	0	0	0	3,478	0	0	0
Ctr Molecular Med & Immun	4,736	0	0	0	0	264	0	4,472	0	0	0
Educational Testing Srvc	18,439	0	0	0	18,439	0	0	0	0	0	0
Electrochemical Society	17	0	0	2	0	15	0	0	0	0	0
Farmworker Hlth & Sfty	60	0	0	0	0	0	60	0	0	0	0
Hackensack Hospital	311	0	0	0	0	0	0	311	0	0	0
Intl Soc Exposure Anlysis	25	0	0	0	0	0	25	0	0	0	0
Kessler Inst for Rehab	373	0	0	0	373	0	0	0	0	0	0
Somerset Co Bus Ed Partn	361	0	0	0	0	0	0	0	0	361	0
Space Studies Institute	114	0	0	0	0	0	0	0	114	0	0
Textile Research Inst	55	0	55	0	0	0	0	0	0	0	0
Womens Rights Info Ctr	1	0	0	0	0	0	0	0	0	0	1
New York, total	235,816	2,356	319	31,994	1,043	1,474	3,458	148,907	1,117	43,786	1,362
Acoustical Soc America	10	0	0	10	0	0	0	0	0	0	0
Advertising Council	1,745	0	0	743	0	0	1,002	0	0	0	0
Alice Hyde Hospital Assoc	50	0	0	0	0	0	0	50	0	0	0
Am Assc of Engineers	80	0	0	0	0	0	0	0	0	80	0
Am Cncl Learned Societies	146	0	0	0	0	0	0	0	0	146	0
Am Inst Aeronautic Astro	45	0	0	0	0	0	0	0	45	0	0
Am Inst Chemical Eng	550	0	0	0	0	400	125	0	0	25	0
Am Museum Moving Image	416	0	0	0	0	0	0	0	0	416	0
Am Museum of Natl Hist	1,879	0	0	0	0	69	0	0	251	1,559	0
Am Soc Civil Engineers	660	0	70	0	0	0	535	0	0	40	15
American Hlth Fdn, Inc	10,774	0	0	0	0	0	0	10,774	0	0	0
Assc Computing Machinery	79	0	0	0	0	0	0	0	0	79	0
Assc Rsch Vision Ophthal	47	0	0	0	0	0	0	47	0	0	0
Assoc State Wetland Mgrs	54	0	0	0	0	0	54	0	0	0	0
B Thompson Inst Plant	1,239	116	0	0	0	176	0	414	0	533	0
Beth Israel Medical Ctr	3,674	0	0	0	0	0	0	3,674	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Middle Atlantic, continued:											
New York, continued:											
Bronx Lebanon Hosp Ctr	133	0	0	0	0	0	0	133	0	0	0
Brooklyn Childrens Museum	35	0	0	0	0	0	0	0	0	35	0
Buffalo Inst Med Rsch	114	0	0	114	0	0	0	0	0	0	0
Burke Rehabilitation Ctr	792	0	0	0	0	0	0	792	0	0	0
Calspan U Buffalo Rsch	16,624	0	0	16,278	0	0	0	0	346	0	0
Cath Med Brklyn Queens	773	0	0	0	0	0	0	773	0	0	0
Children's Village, The	445	0	0	0	0	0	0	0	0	0	445
Childrens TV Workshop	439	0	0	0	0	0	0	0	0	439	0
Citizens Env Rsch Inst	570	0	0	0	0	0	570	0	0	0	0
Cold Spring Harbor Lab	21,923	97	0	600	0	346	0	18,832	0	2,048	0
Compton Rsch Lab, Inc	245	0	0	245	0	0	0	0	0	0	0
Ctr for Policy Rsch	36	0	0	0	0	0	0	36	0	0	0
Division of Chemical Ed	30	0	0	0	0	0	0	0	0	30	0
Dosecc, Inc	325	0	0	0	0	0	0	0	0	325	0
Ed Broadcasting Corp	100	0	0	0	0	0	0	0	0	100	0
Environmentl Defense Fund	585	0	0	0	0	0	585	0	0	0	0
Genesee Hospital	33	0	0	0	0	0	0	33	0	0	0
Girls Inc (New York, NY)	117	0	0	0	0	0	0	0	0	117	0
Hauptman-Wdwrd Med Rsch	2,702	0	0	0	0	0	0	2,421	185	96	0
Health Research, Inc	1,604	0	0	237	118	377	112	0	0	760	0
Highland Hosp Rochester	236	0	0	0	0	0	0	236	0	0	0
Hist of Science Society	24	0	0	0	0	0	0	0	0	24	0
Hosp Joint Disease Ortho	2,084	0	0	0	0	0	0	2,005	0	79	0
Hosp for Special Surgery	3,844	0	0	0	0	0	0	3,844	0	0	0
Inst Elec & Electron Eng	78	0	0	0	0	10	0	0	0	68	0
Inst Space Observations	11	0	0	0	0	0	0	0	0	11	0
Inst of Intl Education	135	0	0	0	0	0	0	0	0	135	0
Inter Faith Medical Ctr	236	0	0	0	0	0	0	236	0	0	0
International Science Fdn	303	0	0	41	0	0	262	0	0	0	0
Ira Davenport Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Joint Ocean Insts, Inc	33,749	0	0	618	0	0	0	0	0	33,131	0
Lexington Center, Inc	625	0	0	0	625	0	0	0	0	0	0
Long Island Jew Hillside	6,581	0	0	407	0	0	0	6,174	0	0	0
Maimonides Medical Center	482	0	0	0	0	0	0	482	0	0	0
Manpowr Demo Rsch Corp	1,891	0	0	0	0	0	0	1,141	0	0	750
Mary Imogene Basset Hosp	774	0	0	0	0	0	0	774	0	0	0
Masonic Medical Rsch Lab	491	0	0	0	0	0	0	491	0	0	0
Medina Memorial Hospital	33	0	0	0	0	0	0	33	0	0	0
Mem Sloan Kettering Canc	54,631	0	0	2,436	0	0	0	51,450	0	745	0
Metropolitan Museum Art	22	0	0	0	0	0	0	0	0	22	0
Monroe Co Long Term Care	342	0	0	0	0	0	0	342	0	0	0
Montefiore Hosp & Med Ctr	13,099	0	0	950	0	0	0	12,149	0	0	0
Mt Sinai Hosp New York	2,201	0	0	1,366	0	0	0	835	0	0	0
NY Academy of Science	5	0	0	0	0	0	0	0	0	5	0
NY Botan Gard Inst Ecosys	2,479	528	0	0	0	0	0	0	0	1,951	0
NY Botanical Garden NY	2,031	1,615	0	0	0	0	0	0	0	416	0
NY Prosecutors Trng Inst	8	0	0	0	0	0	8	0	0	0	0
NY Soc Relf Ruptrd&Cripld	46	0	0	0	0	0	0	0	46	0	0
NYC Indst Tech Asst Corp	40	0	0	0	0	0	40	0	0	0	0
Natl Actn Cncl Minorities	10	0	0	0	0	0	0	0	0	10	0
Natl Audobon Society	50	0	0	0	0	0	50	0	0	0	0
Natl Cncl Churches Christ	20	0	0	0	0	0	20	0	0	0	0
Natl Cong Neighbrd Women	100	0	0	0	0	0	0	0	0	0	100
Natl Ctr Disability Svc	300	0	0	0	300	0	0	0	0	0	0
Natl Dvlpmt & Rsch Inst	170	0	0	0	0	0	0	170	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Middle Atlantic, continued											
New York, continued											
Natl Hemophilia Fdn	54	0	0	0	0	0	0	54	0	0	0
Natl Urban Fellows	40	0	0	0	0	0	0	0	0	0	40
New York Blood Center	388	0	0	388	0	0	0	0	0	0	0
Nontraditl Employ Women	2	0	0	0	0	0	0	0	0	0	2
North Shore U Hospital	4,809	0	0	0	0	0	0	4,809	0	0	0
Paleontological Rsch Inst	82	0	0	0	0	0	0	0	0	82	0
Palisades Geophysical Ins	854	0	0	854	0	0	0	0	0	0	0
Pathways to Housing, Inc	136	0	0	0	0	0	0	136	0	0	0
Population Council	3,348	0	0	0	0	0	0	3,348	0	0	0
Presbyterian Hosp in NY	885	0	0	0	0	0	0	885	0	0	0
Public Health Res Inst	8,281	0	0	1,799	0	0	0	6,254	0	228	0
Renewable Enrgy Cncl	75	0	0	0	0	75	0	0	0	0	0
Riverside Research Inst	702	0	0	0	0	0	0	702	0	0	0
Soc of Women Engineers	49	0	0	0	0	0	0	0	49	0	0
Social Science Rsch Cncl	2	0	0	0	0	0	0	0	0	2	0
Soldiers Sailors Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
St Lukes Roosevlt Hosp C	1,505	0	0	0	0	0	0	1,505	0	0	0
St Lukes-Rsvlt Inst Hlth	7,502	0	0	0	0	0	0	7,502	0	0	0
Syracuse Research Corp	4,903	0	0	4,903	0	0	0	0	0	0	0
Tech Utilization Fdn	141	0	0	0	0	0	0	0	141	0	0
Trudeau Institute Inc	2,873	0	0	0	0	0	0	2,873	0	0	0
United Engineering Trusts	99	0	0	5	0	0	45	0	0	49	0
United Negro College Fund	353	0	249	0	0	0	50	0	54	0	0
W Alton Jones Cell Sci	2,197	0	0	0	0	21	0	2,176	0	0	0
Winthrop U Hospital	222	0	0	0	0	0	0	222	0	0	0
Women's Env & Dvlpmt Org	2	0	0	0	0	0	0	0	0	0	2
Women's Rsch & Ed Fund	8	0	0	0	0	0	0	0	0	0	8
Pennsylvania, total	117,877	399	5,333	6,271	168	3,339	1,419	90,433	1,352	8,738	425
Acad Natural Sci Phila	884	0	0	0	0	0	0	0	0	884	0
Affordable Comfort	34	0	0	0	0	9	25	0	0	0	0
Air & Waste Mgt Assc	148	0	0	0	0	0	148	0	0	0	0
Albert Einstein Med Ctr	1,699	0	0	1,004	0	0	0	695	0	0	0
Allegheny General Hosp	419	0	0	0	0	0	0	419	0	0	0
Allegheny Singer Rsch	19,431	0	5,333	0	168	0	0	13,930	0	0	0
Am Inst Rsch Pittsburgh	73	0	0	73	0	0	0	0	0	0	0
Am Soc Testing Materials	400	0	0	0	0	0	400	0	0	0	0
Carnegie Inst Pittsburgh	304	0	0	0	0	0	0	0	0	304	0
Child Hosp Phila	26,309	0	0	0	0	0	0	26,309	0	0	0
Child Hosp Pittsburgh	8,278	0	0	851	0	0	0	7,427	0	0	0
Crime & Justice Rsch Inst	200	0	0	0	0	0	0	0	0	0	200
Ctr Hzrds Materials Rsch	303	0	0	0	0	0	303	0	0	0	0
D Guthrie Fdn Med Rsch	236	0	0	0	0	0	0	236	0	0	0
DE Vly Ctzns Cncl Cln Air	195	0	0	0	0	0	195	0	0	0	0
Elwyn, Inc	67	0	0	0	0	0	0	67	0	0	0
Emergency Care Rsch Inst	50	0	0	0	0	0	0	50	0	0	0
Fox Chase Cancer Center	776	0	0	776	0	0	0	0	0	0	0
Geisinger Medical Center	180	180	0	0	0	0	0	0	0	0	0
Graduate Hospital	1,092	0	0	0	0	0	0	1,092	0	0	0
Inst for Cancer Research	7,594	0	0	0	0	0	0	7,270	0	324	0
Joseph J. Peters Inst	299	0	0	0	0	0	0	199	0	0	100
Lankenau Hospital	362	0	0	0	0	0	0	362	0	0	0
Lankenau Med Rsch Center	1,525	0	0	0	0	0	0	1,525	0	0	0
MPC Corporation	6,807	0	0	0	0	0	0	1,523	0	5,284	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Middle Atlantic, continued											
Pennsylvania, continued											
Magee Womens Hosp	5,768	0	0	1,003	0	0	0	4,765	0	0	0
Materials Research Soc	20	0	0	20	0	0	0	0	0	0	0
Mem Hosp Inc (Towanda)	50	0	0	0	0	0	0	50	0	0	0
Mercy Hosp (Scranton PA)	157	0	0	0	0	0	0	157	0	0	0
Mercy Hosp of Pittsburgh	139	0	0	0	0	0	0	139	0	0	0
Monell Chem Senses Ctr	3,286	0	0	0	0	0	0	3,286	0	0	0
Moss Rehabilitation Hosp	1,031	0	0	0	0	0	0	1,031	0	0	0
Natl Assoc Cmty Dev Loan	250	0	0	0	0	0	250	0	0	0	0
Natl Cncl Geographic Ed	213	0	0	0	0	0	0	0	0	213	0
Phila Hlth Mgmt Corp	170	0	0	0	0	0	0	170	0	0	0
Philadelphia Geriatrc Ctr	2,115	0	0	0	0	0	0	2,115	0	0	0
Public/Private Ventures	100	0	0	0	0	0	0	100	0	0	0
Rodale Institute	234	219	0	0	0	0	15	0	0	0	0
Shadyside Hospital	49	0	0	10	0	0	0	0	0	39	0
Soc Automotive Engineers	761	0	0	0	0	0	0	0	0	636	125
Soc Industrial App M	109	0	0	0	0	45	0	0	0	64	0
St Francis Med Ctr	1,197	0	0	0	0	0	0	1,197	0	0	0
Treatment Research Inst	508	0	0	0	0	0	0	508	0	0	0
Troy Community Hospital	50	0	0	0	0	0	0	50	0	0	0
U City Science Center	5,228	0	0	175	0	3,285	83	1,438	8	239	0
WHYY Channel 12	576	0	0	0	0	0	0	0	0	576	0
Weis Center for Research	1,990	0	0	0	0	0	0	1,990	0	0	0
Wills Eye Hospital	311	0	0	0	0	0	0	311	0	0	0
Wistar Institute	15,900	0	0	2,359	0	0	0	12,022	1,344	175	0
East North Central, total	306,672	27	11,303	158,780	1,614	1,082	6,635	107,411	8,326	9,072	2,422
Illinois, total	85,605	10	0	32,837	1,116	792	3,092	39,970	208	6,592	988
Am Acad of Pediatrics	37	0	0	0	0	0	37	0	0	0	0
Am Col of Radiology	7,746	0	0	0	0	0	0	7,746	0	0	0
Am Dental Assc for Hlth	1,849	0	0	0	0	0	0	1,849	0	0	0
Am Inst Indian Studies	35	0	0	0	0	0	0	0	0	35	0
American Bar Foundation	139	0	0	0	0	0	0	105	0	34	0
American Planning Assc	500	0	0	0	0	0	0	0	0	0	500
Carmi Township Hospital	50	0	0	0	0	0	0	50	0	0	0
Chicago Acad of Sci	1,064	0	0	0	91	0	0	0	168	805	0
Chicago Ed Federation	350	0	0	0	0	350	0	0	0	0	0
Chicago Horticultural Soc	315	0	0	0	0	0	0	0	0	315	0
Chicago Women in Trades	153	0	0	0	0	0	0	0	0	0	153
Ctr American Archeology	101	0	0	0	0	0	0	0	0	101	0
Evanston Hospital	834	0	0	0	0	0	0	834	0	0	0
Field Museum Natural Hist	2,376	10	0	0	0	0	0	50	0	2,316	0
Govt Finance Ofcrs Assoc	99	0	0	0	0	0	99	0	0	0	0
Hektoen Inst Med Rsch	2,231	0	0	0	0	0	0	2,231	0	0	0
Hope Fair Housing Center	50	0	0	0	0	0	0	0	0	0	50
IIT Research Institute	34,227	0	0	32,543	0	0	0	1,514	0	0	170
Illinois State Museum	216	0	0	171	0	0	0	0	0	45	0
Ingalls Mem Hospital	174	0	0	0	0	0	0	174	0	0	0
Inst of Gas Technology	442	0	0	0	0	442	0	0	0	0	0
Internatl Map Trade Assoc	22	0	0	0	0	0	0	0	0	0	22
Iroquois Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
John & Mary Kirby Hosp	50	0	0	0	0	0	0	50	0	0	0
Juvenile Protection Assoc	248	0	0	0	0	0	0	248	0	0	0
Legal Asstnc Fdn Chicago	3	0	0	0	0	0	0	0	0	0	3
Marshall Browning Hosp	50	0	0	0	0	0	0	50	0	0	0
Methdst Med Ctr Peoria IL	194	0	0	0	0	0	0	194	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
East North Central, continued											
Illinois, continued											
Midtown Educational Fdn	40	0	0	0	0	0	0	0	40	0	0
Midwest Env Enfrcmt Assoc	175	0	0	0	0	0	175	0	0	0	0
Museum of Sci & Industry	88	0	0	0	0	0	0	0	0	88	0
Natl Easter Seal Society	374	0	0	0	0	0	0	0	0	374	0
Natl Opinion Research Ctr	4,603	0	0	37	0	0	0	2,316	0	2,250	0
Natl Parent Tchrs Assoc	282	0	0	0	0	0	282	0	0	0	0
Natl Safety Council	2,499	0	0	0	0	0	2,499	0	0	0	0
Natl Training & Info Ctr	50	0	0	0	0	0	0	0	0	0	50
Rehab Inst of Chicago	1,025	0	0	0	1,025	0	0	0	0	0	0
Rush Presbyterian St Luke	22,803	0	0	86	0	0	0	22,509	0	208	0
Soc Integrative Comp Bio	21	0	0	0	0	0	0	0	0	21	0
Univs Cncl Water Res	40	0	0	0	0	0	0	0	0	0	40
Indiana, total	1,401	7	0	70	0	0	0	301	423	0	600
Am Col Sports Medicine	66	0	0	0	0	0	0	0	66	0	0
Conservation Tillage Info	7	7	0	0	0	0	0	0	0	0	0
Gibson General Hospital	50	0	0	0	0	0	0	50	0	0	0
Hudson Institute	170	0	0	70	0	0	0	0	0	0	100
Jennings Community Hosp	50	0	0	0	0	0	0	50	0	0	0
Methodist Hosp Indnpol IN	67	0	0	0	0	0	0	67	0	0	0
Natl Cnsrtm Grad Eng Min	357	0	0	0	0	0	0	0	357	0	0
Perry Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Project OZ	500	0	0	0	0	0	0	0	0	0	500
Regenstrief Institute	34	0	0	0	0	0	0	34	0	0	0
Wirth Osteopathic Hosp	50	0	0	0	0	0	0	50	0	0	0
Michigan, total	60,888	0	5,172	44,061	498	290	3,126	4,576	660	2,420	85
Bell Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0
Butterworth Hospital	325	0	0	0	0	0	0	325	0	0	0
Charlevoix Hospital	50	0	0	0	0	0	0	50	0	0	0
Cranbrook Inst of Science	175	0	0	0	0	0	0	0	0	175	0
Ctr Social Gerontology	105	0	0	0	0	0	0	105	0	0	0
Elder Law of MI, Inc	90	0	0	0	0	0	0	90	0	0	0
Environmental Rsch Inst	17,858	0	4,319	10,923	0	0	1,536	410	660	10	0
Focus Hope	12,862	0	0	12,862	0	0	0	0	0	0	0
Gerber Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0
Grand View Hospital	50	0	0	0	0	0	0	50	0	0	0
Henry Ford Health System	1,371	0	0	289	0	0	0	1,082	0	0	0
High Scope Ed Rsch Fdn	498	0	0	0	0	0	0	498	0	0	0
Industrial Tech Institute	1,248	0	853	395	0	0	0	0	0	0	0
Keweenaw Medical Center	50	0	0	0	0	0	0	50	0	0	0
Merit Network, Inc	1,234	0	0	0	0	0	0	0	0	1,234	0
Michigan Biotech Inst	85	0	0	85	0	0	0	0	0	0	0
Michigan Molecular Inst	877	0	0	877	0	0	0	0	0	0	0
Michigan Public Hlth Inst	5	0	0	0	0	0	0	5	0	0	0
Munising Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
NSF International	1,590	0	0	0	0	0	1,590	0	0	0	0
Natl Brd Prof Tchng Stnds	1,001	0	0	0	0	0	0	0	0	1,001	0
Natl Ctr Manufactrng Sci	18,920	0	0	18,630	0	290	0	0	0	0	0
Natl Juv Detention Assoc	82	0	0	0	0	0	0	0	0	0	82
Portage View Hospital	50	0	0	0	0	0	0	50	0	0	0
Rehabilitation Inst MI	940	0	0	0	498	0	0	442	0	0	0
Sinai Hospital Detroit	48	0	0	0	0	0	0	48	0	0	0
Tawas St Joseph Hosp	50	0	0	0	0	0	0	50	0	0	0
William Beaumont Hospital	1,171	0	0	0	0	0	0	1,171	0	0	0
Wmns Res Ctr (Grd Rpd MI)	3	0	0	0	0	0	0	0	0	0	3

See explanatory information, if any, and SOURCE at end of table

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Ohio, total	150,520	10	6,131	81,812	0	0	314	54,538	6,964	60	691
Battelle Memorial Inst	75,487	0	0	64,844	0	0	314	8,337	1,474	0	518
Child Hosp Columbus	2,973	0	0	0	0	0	0	2,808	165	0	0
Child Hosp Med Ctr Cincin	16,392	0	0	0	0	0	0	16,392	0	0	0
Cincinnati Hlth Network	123	0	0	0	0	0	0	0	0	0	123
Cleveland Adv Manu Prg	12,502	0	0	12,502	0	0	0	0	0	0	0
Cleveland Clinic Fdn	25,293	0	0	747	0	0	0	24,390	156	0	0
Cleveland Ed Fund	5	0	0	0	0	0	0	0	0	5	0
Edison Industrial Sys Ctr	2,962	0	2,962	0	0	0	0	0	0	0	0
Edison Weld Inst	3,078	0	0	3,078	0	0	0	0	0	0	0
Enterprise Dvlpmt Inc	376	0	0	0	0	0	0	0	376	0	0
Fair Housing Center	50	0	0	0	0	0	0	0	0	0	50
Great Lakes Science Ctr	55	0	0	0	0	0	0	0	0	55	0
Hipple Cancer Rsch Ctr	372	0	0	148	0	0	0	224	0	0	0
James N Gamble Inst Med	1,772	0	0	0	0	0	0	1,772	0	0	0
Kettering Medical Center	201	0	0	0	0	0	0	201	0	0	0
Miami Valley Hospital	263	0	0	0	0	0	0	263	0	0	0
Mt Sinai Hosp Cleveland	101	0	0	0	0	0	0	101	0	0	0
Ohio Aerospace Institute	8,438	0	3,169	493	0	0	0	0	4,776	0	0
Ohio Agricultural R&D Ctr	10	10	0	0	0	0	0	0	0	0	0
Van Wert County Hospital	50	0	0	0	0	0	0	50	0	0	0
Vocational Info Prog Inst	17	0	0	0	0	0	0	0	17	0	0
Wisconsin, total	8,258	0	0	0	0	0	103	8,026	71	0	58
Bay Area Medical Center	50	0	0	0	0	0	0	50	0	0	0
Blood Ctr of Southeast WI	3,801	0	0	0	0	0	0	3,801	0	0	0
Cmty Mem Hosp Oconto Fls	50	0	0	0	0	0	0	50	0	0	0
Cumberland Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Door Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Marshfield Med Rsch Fdn	3,787	0	0	0	0	0	0	3,787	0	0	0
North Am Lake Mgt Soc	113	0	0	0	0	0	103	0	0	0	10
Northwoods Hospital	50	0	0	0	0	0	0	50	0	0	0
Oconto Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Sacred Heart Hospital	50	0	0	0	0	0	0	50	0	0	0
Sauk Prairie Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Sinai Samaritan Med Ctr	109	0	0	0	0	0	0	38	71	0	0
Transitional Living Svcs	48	0	0	0	0	0	0	0	0	0	48
West North Central, total	57,900	3,889	375	25,323	0	2,200	488	22,159	779	1,970	717
Iowa, total	2,310	8	0	0	0	0	5	1,897	0	0	400
Am Col Testing Program	400	0	0	0	0	0	0	0	0	0	400
Davis County Hospital	18	0	0	0	0	0	0	18	0	0	0
Horn Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Iowa Oncology Rsch Assc	274	0	0	0	0	0	0	274	0	0	0
Manning General Hospital	18	0	0	0	0	0	0	18	0	0	0
Mercy Foundation	1,451	0	0	0	0	0	0	1,451	0	0	0
Soil & Water Csrvtn Soc	13	8	0	0	0	0	5	0	0	0	0
St Anthony Regional Hosp	18	0	0	0	0	0	0	18	0	0	0
St Joseph Cmty Hosp	18	0	0	0	0	0	0	18	0	0	0
Van Buren Co Hosp	50	0	0	0	0	0	0	50	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
West North Central, continued:											
Kansas, total	827	0	0	0	0	0	0	827	0	0	0
Clara Barton Hospital	72	0	0	0	0	0	0	72	0	0	0
Hays Medical Center	34	0	0	0	0	0	0	34	0	0	0
KS Legal Svcs, Inc	103	0	0	0	0	0	0	103	0	0	0
Sabetha Community Hosp	50	0	0	0	0	0	0	50	0	0	0
St Francis Hosp (Wcht KS)	568	0	0	0	0	0	0	568	0	0	0
Minnesota, total	30,125	0	0	25,089	0	0	184	4,036	352	367	97
Children's Health Care	97	0	0	0	0	0	0	0	0	0	97
Citizens Better Environmt	149	0	0	0	0	0	149	0	0	0	0
Cmty Mem Hosp Winona	50	0	0	0	0	0	0	50	0	0	0
Energy Efcnt Bldg Assoc	35	0	0	0	0	0	35	0	0	0	0
Group Health Foundation	148	0	0	0	0	0	0	148	0	0	0
Kittson Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0
Living at Home	59	0	0	0	0	0	0	59	0	0	0
Madison Hospital	45	0	0	0	0	0	0	45	0	0	0
Mayo Foundation	6,835	0	0	6,089	0	0	0	268	352	126	0
Minneapolis Med Rsch Fdn	3,071	0	0	0	0	0	0	3,071	0	0	0
N W Medical Ctr	50	0	0	0	0	0	0	50	0	0	0
Natl Marrow Donor Program	19,000	0	0	19,000	0	0	0	0	0	0	0
Riverwood Hlth Care Ctr	50	0	0	0	0	0	0	50	0	0	0
St Elizabeth Hospital	50	0	0	0	0	0	0	50	0	0	0
St Gabriels Hospital	50	0	0	0	0	0	0	50	0	0	0
Twin Cities Public TV	241	0	0	0	0	0	0	0	0	241	0
Tyler Health Center	45	0	0	0	0	0	0	45	0	0	0
Waseca Area Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Watonwan Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Missouri, total	22,765	3,881	0	234	0	2,200	214	13,988	427	1,603	218
Alpha Kappa Alpha Srty	1	0	0	0	0	0	0	0	0	0	1
Bapt Med Ctr (KS Cty MO)	290	0	0	0	0	0	0	290	0	0	0
Cancer Rsch Center	81	0	0	0	0	0	0	81	0	0	0
Childrens Mercy Hosp	310	0	0	0	0	0	0	310	0	0	0
Greater MO Ldrship Chlng	1	0	0	0	0	0	0	0	0	0	1
Jewish Hosp of St Louis	8,747	0	0	0	0	0	0	8,747	0	0	0
Metropolitan Energy Ctr	214	0	0	0	0	0	214	0	0	0	0
Mid-Cont Cncl Girl Scouts	183	0	0	0	0	0	0	0	0	183	0
Midwest Research Inst	5,249	0	0	234	0	600	0	3,788	427	0	200
Missouri Botanical Garden	5,424	3,881	0	0	0	0	0	108	0	1,420	15
Project Equality, Inc	1	0	0	0	0	0	0	0	0	0	1
Scotland Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
St Johns Mercy Med Ctr	216	0	0	0	0	0	0	216	0	0	0
St Johns Reg Hlth Ctr	169	0	0	0	0	0	0	169	0	0	0
St Lukes Hosp (KS Cty MO)	229	0	0	0	0	0	0	229	0	0	0
Urban Energy & Trans Ctr	1,600	0	0	0	0	1,600	0	0	0	0	0
Nebraska, total	605	0	0	0	0	0	85	520	0	0	0
Antelope Memorial Hosp	16	0	0	0	0	0	0	16	0	0	0
Brodstone Mem Co Hosp	50	0	0	0	0	0	0	50	0	0	0
Cambridge Memorial Hosp	20	0	0	0	0	0	0	20	0	0	0
Cherry County Hosp	8	0	0	0	0	0	0	8	0	0	0
Cheyenne County Hospital	50	0	0	0	0	0	0	50	0	0	0
Cmty Hosp (McCook NE)	50	0	0	0	0	0	0	50	0	0	0
Fr Flanagan's Boys Home	200	0	0	0	0	0	0	200	0	0	0
Great Plains Rgn Med Ctr	50	0	0	0	0	0	0	50	0	0	0
Groundwater Fdn, The	85	0	0	0	0	0	85	0	0	0	0
Lundberg Memorial Hosp	16	0	0	0	0	0	0	16	0	0	0

See explanatory information, if any, and SOURCE at end of table

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
West North Central, continued:											
Nebraska, continued:											
Niobrara Valley Hosp	8	0	0	0	0	0	0	8	0	0	0
Osmond General Hosp	8	0	0	0	0	0	0	8	0	0	0
Phelps Mem Hlth Ctr	20	0	0	0	0	0	0	20	0	0	0
St Anthnys Hosp (O'Neill)	8	0	0	0	0	0	0	8	0	0	0
Tilden Community Hospital	8	0	0	0	0	0	0	8	0	0	0
W Holt Memorial Hospital	8	0	0	0	0	0	0	8	0	0	0
North Dakota, total	349	0	0	0	0	0	0	349	0	0	0
Ashley Medical Ctr	50	0	0	0	0	0	0	50	0	0	0
Jacobson Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Mercy Hospital Williston	49	0	0	0	0	0	0	49	0	0	0
Richardton Hlth Ctr Inc	50	0	0	0	0	0	0	50	0	0	0
St Josephs Hosp Dickinson	50	0	0	0	0	0	0	50	0	0	0
W River Reg Med Ctr	50	0	0	0	0	0	0	50	0	0	0
Wishek Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0
South Dakota, total	919	0	375	0	0	0	0	542	0	0	2
Brookings Career Lrng Ctr	1	0	0	0	0	0	0	0	0	0	1
Coteau Des Prairies Hosp	50	0	0	0	0	0	0	50	0	0	0
Ctr Rurl Hlth Econ Dvlpmt	375	0	375	0	0	0	0	0	0	0	0
Custer Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
Five Counties Hosp	50	0	0	0	0	0	0	50	0	0	0
Hans P Peterson Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
L Jungman Mem Hospital	50	0	0	0	0	0	0	50	0	0	0
Lake Area Hospital	50	0	0	0	0	0	0	50	0	0	0
Mobridge Rgn Hospital	24	0	0	0	0	0	0	24	0	0	0
Northern Hills Gen Hosp	50	0	0	0	0	0	0	50	0	0	0
Prairie Lks Hlth Care Sys	50	0	0	0	0	0	0	50	0	0	0
Sioux Falls Bus&Prof Womn	1	0	0	0	0	0	0	0	0	0	1
St Benedict Hospital	25	0	0	0	0	0	0	25	0	0	0
St Bernards Hosp Corp	50	0	0	0	0	0	0	50	0	0	0
St Michaels Hospital	43	0	0	0	0	0	0	43	0	0	0
South Atlantic, total	526,466	2,521	17,063	165,370	2,722	17,899	71,107	93,573	90,134	48,138	17,939
Delaware, total	792	0	0	0	0	0	0	687	105	0	0
A I DuPont Inst Nemours	105	0	0	0	0	0	0	0	105	0	0
Medical Center Delaware	687	0	0	0	0	0	0	687	0	0	0
District of Columbia, total	202,444	233	260	35,401	1,524	10,564	60,977	21,736	25,456	32,670	13,623
Acad Ed Development Inc	519	0	0	519	0	0	0	0	0	0	0
Act Trans Demand Mgmt	175	0	0	0	0	0	175	0	0	0	0
All End Child Lead Poison	300	0	0	0	0	0	300	0	0	0	0
Alliance to Save Energy	911	0	0	0	0	400	511	0	0	0	0
Am Assc Advancment Sci	8,179	0	0	0	0	182	382	50	33	7,532	0
Am Assc Cmty & Jr Col	36	0	0	0	0	0	0	0	0	36	0
Am Assc Retired Persons	16,535	0	0	0	0	0	16,275	260	0	0	0
Am Assoc Higher Education	91	0	0	0	0	0	0	0	0	91	0
Am Assoc St Hwy&Trns Offc	341	0	0	0	0	0	0	0	0	0	341
Am Astronomical Society	934	0	0	0	0	0	0	0	75	859	0
Am Cncl Enrgy-Effcnt Econ	248	0	0	0	0	0	248	0	0	0	0
Am Cncl for the U N. Univ	35	0	0	0	0	0	35	0	0	0	0
Am Educational Rsch Assc	1,060	0	0	0	0	0	0	0	0	1,060	0
Am Forest Foundation	75	0	0	0	0	0	75	0	0	0	0
Am Inst Arch Students	82	0	0	0	0	82	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued											
District of Columbia, continued:											
Am National Red Cross	2,203	0	0	1,400	0	0	0	803	0	0	0
Am Psychological Assc	18	0	0	0	0	0	0	0	0	18	0
Am Public Hlth Assoc	2	0	0	0	0	0	0	2	0	0	0
Am Public Welfare Assc	100	0	0	0	0	0	0	100	0	0	0
Am Registry Pathology	9,573	0	0	9,507	0	0	0	0	0	66	0
Am Soc Engineering Ed	4,843	0	0	4,585	0	100	0	0	0	158	0
Am Soc Microbiology	78	0	0	0	0	25	0	0	0	53	0
Am Statistical Assc	780	30	0	0	0	0	0	0	0	750	0
Amer Political Sci Assoc	25	0	0	0	0	0	0	0	0	25	0
American Bar Association	611	0	0	0	0	0	0	0	0	0	611
American Bird Observatory	10	0	0	0	0	0	10	0	0	0	0
American Chemical Society	842	1	0	0	0	271	50	0	0	520	0
American Forestry Assoc	166	0	0	0	0	0	166	0	0	0	0
American Geophysicl Union	1,057	5	0	0	0	0	0	0	15	1,037	0
American Inst Architects	133	0	0	28	0	0	18	0	0	87	0
American Iron Steel Inst	1,976	0	0	150	0	1,826	0	0	0	0	0
American Lung Assoc	700	0	0	0	0	0	700	0	0	0	0
Appropriate Tech Intl	43	0	0	0	0	0	43	0	0	0	0
Aspen Institute	40	0	0	0	0	0	40	0	0	0	0
Assc Am Geographers	461	0	0	0	0	0	0	0	299	162	0
Assc American Railroads	1,800	0	0	0	0	0	0	0	0	0	1,800
Assc Science Tech Ctrs	300	0	0	0	0	0	0	0	0	300	0
Assoc Cnty Cty Hlth Offcl	217	0	0	0	0	0	217	0	0	0	0
Assoc Hlth Services Rsch	359	0	0	0	0	0	0	359	0	0	0
Assoc Metro Sewerage Ags	234	0	0	0	0	0	234	0	0	0	0
Assoc St Drinking Wtr Adm	243	0	0	0	0	0	243	0	0	0	0
Assoc State & Terr Hlth	50	0	0	0	0	0	50	0	0	0	0
Assoc Water Pltn Control	229	0	0	0	0	0	229	0	0	0	0
Assoc of Am Cols & Univs	550	0	0	0	0	0	0	269	0	281	0
Atlantic Council of US	185	0	0	185	0	0	0	0	0	0	0
BSR Education Fund	250	0	0	0	0	0	250	0	0	0	0
Bicycle Federation of Am	200	0	0	0	0	0	200	0	0	0	0
Biophysical Society	20	0	0	0	0	0	0	0	0	20	0
Brookings Institution	457	0	0	0	0	0	142	103	0	212	0
Carnegie Inst Washington	6,840	197	0	83	0	968	0	1,996	331	3,265	0
Center Marine Conserv	455	0	0	0	0	0	455	0	0	0	0
Child Hosp Natl Med Ctr	6,036	0	0	110	0	0	0	5,926	0	0	0
Civil Eng Research Fdn	2,100	0	245	0	0	0	1,840	0	0	10	5
Climate Institute	320	0	0	0	0	0	320	0	0	0	0
Cmty Trans Assc of Am	400	0	0	0	0	0	0	400	0	0	0
Cncl Chief St Schl Offcrs	537	0	0	0	0	0	0	0	0	537	0
Cnstrm U Washngtn Metro	525	0	0	525	0	0	0	0	0	0	0
Comm Prof Sci & Tech	188	0	0	0	0	0	0	0	0	188	0
Community Connections	160	0	0	0	0	0	0	160	0	0	0
Concern, Inc	85	0	0	0	0	0	85	0	0	0	0
Coneg Policy Rsch Ctr	650	0	0	0	0	600	50	0	0	0	0
Conference Board Math Sci	57	0	0	0	0	0	0	0	0	57	0
Consumer Research Council	246	0	0	0	0	0	246	0	0	0	0
Corp Public Broadcasting	50	0	0	0	0	0	0	0	0	50	0
Ctr Cmty Hlth & Environ	30	0	0	0	0	0	30	0	0	0	0
Ctr Policy Alternatives	99	0	0	0	0	0	99	0	0	0	0
Ctr for Clean Air Policy	275	0	0	0	0	0	275	0	0	0	0
Ctr for Intl Env Law	17	0	0	0	0	0	17	0	0	0	0
EPSCoR Foundation	170	0	0	0	0	0	0	0	0	170	0

See explanatory information, if any, and SOURCE at end of table

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
District of Columbia, continued:											
Editorial Projects in Ed	51	0	0	0	0	0	0	0	0	51	0
Eisenhower Foundation	500	0	0	0	0	0	0	0	0	0	500
Environmental Law Inst	1,068	0	0	0	0	0	1,068	0	0	0	0
Environmental Solutions	457	0	0	0	0	457	0	0	0	0	0
Friends of the Earth	15	0	0	0	0	15	0	0	0	0	0
Green Seal	137	0	0	0	0	0	137	0	0	0	0
Grtr Washington Urban Lg	100	0	0	0	0	0	100	0	0	0	0
HJ Heinz Ctr Sci Econ Env	100	0	0	0	0	0	100	0	0	0	0
Home Builders Institute	500	0	0	0	0	0	0	0	0	0	500
Home Enrgy Rtngs Sys Cncl	35	0	0	0	0	0	35	0	0	0	0
Inst Adv Soc Work Rsch	131	0	0	131	0	0	0	0	0	0	0
Inst Local Self Reliance	200	0	0	0	0	0	200	0	0	0	0
Internatl Life Sci Inst	640	0	0	0	0	0	640	0	0	0	0
Intl City Mgt Assc	1,301	0	0	0	0	0	1,301	0	0	0	0
Intl Inst Energy Csrvtn	1,445	0	0	0	0	0	1,445	0	0	0	0
Intl Womens Democracy Ctr	75	0	0	0	0	0	0	0	0	0	75
Justice Rsch & Stat Assoc	396	0	0	0	0	0	0	0	0	0	396
League of Women Voters	195	0	0	0	0	0	195	0	0	0	0
Links, Inc	1	0	0	0	0	0	0	0	0	0	1
Mansfield Ctr Pacific Afrs	106	0	0	0	0	0	106	0	0	0	0
Math Assc of America	670	0	0	125	0	0	0	0	0	545	0
Mediantic Health Care Grp	3,514	0	0	0	500	0	0	3,014	0	0	0
Mnrty Bus Entps Legal Def	100	0	0	0	0	0	100	0	0	0	0
N Am Assoc Environ Ed	140	0	0	0	0	0	140	0	0	0	0
NE Midwest Inst	476	0	0	0	0	150	281	0	0	0	45
NEA Health Info Network	234	0	0	0	0	0	234	0	0	0	0
National Governors Assc	656	0	0	0	0	0	594	0	0	0	62
National Public Radio	370	0	0	0	0	0	0	0	0	370	0
Natl Acad Public Admin	1,029	0	0	0	0	0	609	0	420	0	0
Natl Academy of Sciences	66,822	0	15	17,849	0	5,095	4,767	3,092	18,671	10,927	6,406
Natl Alliance St Sci Math	176	0	0	0	0	0	0	0	176	0	0
Natl Alliance of Bus DC	200	0	0	0	0	0	0	0	0	200	0
Natl Assc Agencies Aging	750	0	0	0	0	0	0	750	0	0	0
Natl Assc Commiss Women	10	0	0	0	0	0	0	0	0	0	10
Natl Assc Equal Oppor Ed	1,080	0	0	0	0	0	0	0	1,080	0	0
Natl Assc of Counties	1,321	0	0	0	0	100	1,221	0	0	0	0
Natl Assoc Local Govt Env	50	0	0	0	0	0	50	0	0	0	0
Natl Assoc Reg Util Comms	100	0	0	0	0	0	100	0	0	0	0
Natl Assoc St Dept Ag	42	0	0	0	0	0	42	0	0	0	0
Natl Assoc Twns & Twnshps	30	0	0	0	0	0	30	0	0	0	0
Natl Biomedical Rsch Fdn	1,090	0	0	0	0	0	0	1,090	0	0	0
Natl Caucus Ctr Black Age	6,470	0	0	0	0	0	6,470	0	0	0	0
Natl Cltn Hisp Hlth & Hmn	160	0	0	0	0	0	160	0	0	0	0
Natl Cncl Negro Wmn (DC)	60	0	0	0	0	0	60	0	0	0	0
Natl Cncl Teachers Math	339	0	0	0	0	0	0	0	0	339	0
Natl Council on Aging	2,239	0	0	0	125	0	2,023	91	0	0	0
Natl Council on La Raza	195	0	0	0	0	0	0	0	0	195	0
Natl Ctzn Cltn Nrsg Hm Rf	100	0	0	0	0	0	0	100	0	0	0
Natl Env Ed & Trng Fdn	55	0	0	0	0	25	30	0	0	0	0
Natl Fish & Wildlife Fdn	29	0	0	0	0	29	0	0	0	0	0
Natl Hispanic Housng Cncl	200	0	0	0	0	0	0	0	0	0	200
Natl Inst of Bldg Science	40	0	0	40	0	0	0	0	0	0	0
Natl Medical Assoc	72	0	0	0	0	0	72	0	0	0	0
Natl Sci Teachers Assc	3,167	0	0	0	0	0	70	0	1,583	1,514	0
Natl Sr Citizen Law Ctr	105	0	0	0	0	0	0	105	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
District of Columbia, continued:											
Natl Sr Ctzns Ed & Rsch	6,791	0	0	0	0	0	6,791	0	0	0	0
Natl Youth Employmnt Citn	100	0	0	0	0	0	0	0	0	0	100
Natural Res Def Cncl	836	0	0	0	0	0	836	0	0	0	0
Oceanic Society	6	0	0	6	0	0	0	0	0	0	0
Optical Soc of America	92	0	0	58	0	0	0	0	0	34	0
Potomac Inst Policy Stud	400	0	0	0	0	0	0	0	400	0	0
Public Technology, Inc	45	0	0	0	0	0	45	0	0	0	0
Quality Ed for Minor Netwk	2,352	0	0	0	0	0	0	0	1,965	387	0
Renew America	359	0	0	100	0	184	75	0	0	0	0
Resources for the Future	1,648	0	0	0	0	55	1,305	0	117	171	0
Rnwbl State Pltn Prvntn	166	0	0	0	0	0	166	0	0	0	0
Rnwbl Enrgy & Efncy Trng	140	0	0	0	0	0	140	0	0	0	0
Soc Developmental Bio	20	0	0	0	0	0	0	0	0	20	0
Solar Enrgy Rsch & Ed Fdn	251	0	0	0	0	0	251	0	0	0	0
Soundprint Media Ctr	191	0	0	0	0	0	0	0	0	191	0
St Terr Air Pltn Prgm Adm	817	0	0	0	0	0	817	0	0	0	0
Student Pugwash USA	118	0	0	0	0	0	0	0	0	118	0
Surface Trans Plcy Prjct	250	0	0	0	0	0	250	0	0	0	0
US Conf Mayors Rsch & Ed	625	0	0	0	0	0	625	0	0	0	0
US Env Training Inst	1,746	0	0	0	0	0	1,746	0	0	0	0
Unison Institute	600	0	0	0	0	0	350	0	0	0	250
Unisphere Institute	80	0	0	0	0	0	0	0	80	0	0
United Cerebral Palsy	899	0	0	0	899	0	0	0	0	0	0
United States Conf Mayors	149	0	0	0	0	0	110	0	0	0	39
Universities Rsch Assc	10	0	0	0	0	0	0	0	0	10	0
Urban Institute	4,661	0	0	0	0	0	0	3,066	0	54	1,541
WA Ctr Internshps & Acad	112	0	0	0	0	0	112	0	0	0	0
Wider Opportunities Women	150	0	0	0	0	0	0	0	0	0	150
Women Work! Natl Ntwk	591	0	0	0	0	0	0	0	0	0	591
World Resources Institute	738	0	0	0	0	0	738	0	0	0	0
World Wildlife Fund US	230	0	0	0	0	0	230	0	0	0	0
Young Astronaut Council	211	0	0	0	0	0	0	0	211	0	0
Florida, total	7,529	40	0	1,529	0	165	365	2,358	149	2,922	1
Assoc Institutional Rsch	50	0	0	0	0	0	0	0	0	50	0
Astronauts Memorial Fdn	99	0	0	0	0	0	0	0	99	0	0
Boley Ctrs Behavrl Hlth	167	0	0	0	0	0	0	167	0	0	0
Calhoun Liberty Hospital	50	0	0	0	0	0	0	50	0	0	0
Doctor's Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
FL Fruit & Vegetable	30	0	0	0	0	0	30	0	0	0	0
FL Wmn Wk Intrst & Ntwk	1	0	0	0	0	0	0	0	0	0	1
Florida Children's Forum	100	0	0	0	0	0	0	100	0	0	0
Florida Solar Energy Ctr	165	0	0	0	0	165	0	0	0	0	0
Harbor Branch Ocean Inst	4,103	0	0	1,454	0	0	0	0	0	2,649	0
Mote Marine Laboratory	175	40	0	75	0	0	0	0	0	60	0
Mt Sinai Hosp Med Ctr FL	1,483	0	0	0	0	0	0	1,483	0	0	0
Museum of Science, Inc	163	0	0	0	0	0	0	0	0	163	0
NW Florida Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
SEATC Fdn Env Ed	335	0	0	0	0	0	335	0	0	0	0
Space Coast Ctr Ind Lvng	50	0	0	0	0	0	0	0	50	0	0
Tampa Bay Rsch Inst Tech	233	0	0	0	0	0	0	233	0	0	0
Village South, Inc	225	0	0	0	0	0	0	225	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
Georgia, total	5,168	0	292	207	373	913	240	259	521	361	2,002
Atlanta Empowerment Zone	292	0	292	0	0	0	0	0	0	0	0
Atlanta Paralympic Org	1,500	0	0	0	0	0	0	0	0	0	1,500
Boys&Girls Club Am	500	0	0	0	0	0	0	0	0	0	500
Gordon Hospital	37	0	0	0	0	0	0	37	0	0	0
Intl Soc Plant Molec Bio	236	0	0	0	0	0	0	0	0	236	0
Natl Cnfc Black Mayor	42	0	0	0	0	0	40	0	0	0	2
SE Cnstrm Minorities Eng	521	0	0	0	0	0	0	0	521	0	0
Savannah River Ecol Lab	100	0	0	0	0	100	0	0	0	0	0
Shepard Spinal Center	373	0	0	0	373	0	0	0	0	0	0
Skidaway Inst Oceanog	976	0	0	207	0	444	200	0	0	125	0
Southern State Energy	369	0	0	0	0	369	0	0	0	0	0
St Josephs Hosp (Atln GA)	222	0	0	0	0	0	0	222	0	0	0
Maryland, total	151,385	17	2,997	53,270	575	1,039	1,540	29,888	56,754	4,643	662
Academy Natural Sciences	159	0	0	0	0	0	159	0	0	0	0
Accred Brd Eng & Tech	138	0	0	0	0	0	0	0	0	138	0
Am Assc Immunologists	69	0	0	0	0	0	0	69	0	0	0
Am Assc Physics Teachers	769	0	0	0	0	0	0	0	0	769	0
Am College of Toxicology	20	0	0	20	0	0	0	0	0	0	0
Am Fisheries Society	125	0	0	0	0	0	109	0	0	0	16
Am Physical Society	237	0	0	0	0	0	0	0	0	237	0
Am Physiological Society	439	0	0	0	0	0	0	0	39	400	0
Am Soc Cell Biology	2	0	0	0	0	0	0	0	0	2	0
Am Type Culture Col	3,031	0	0	0	0	0	50	2,124	0	857	0
American Inst Physics	93	0	0	0	0	0	0	0	0	93	0
Assc U Rsch & Astronomy	55,489	0	0	68	0	0	0	0	55,421	0	0
Baltimore Urban League	150	0	0	0	0	150	0	0	0	0	0
Calvert Institute	36	0	0	0	0	0	0	0	36	0	0
Chesapeake Rsch Cnsrtm	295	0	0	0	0	0	0	0	0	295	0
Ctr Adv Hispanics Sci Eng	61	0	0	0	0	0	0	0	61	0	0
Ctr Hlth Policy Studies	87	0	0	0	0	0	0	87	0	0	0
Ctr Watershed Protection	45	0	0	0	0	0	45	0	0	0	0
Dorchester General Hosp	50	0	0	0	0	0	0	50	0	0	0
Ecological Soc of America	102	0	0	0	0	0	97	0	0	0	5
Ecosystem Recovery Inst	49	0	0	0	0	0	49	0	0	0	0
Einstn Inst Sci Hlth Crts	119	0	0	0	0	119	0	0	0	0	0
Fed Am Soc Exper Biol	95	17	0	8	0	10	0	0	0	60	0
Friends Med Sci Rsch Ctr	5,862	0	0	0	0	0	0	5,862	0	0	0
Garrett Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Genetic Society of Am	15	0	0	0	0	0	0	0	0	15	0
Growth Management Inst	100	0	0	0	0	0	100	0	0	0	0
H M Jackson Foundation	60,814	0	0	51,754	0	44	0	8,226	366	424	0
Inst Global Environment	841	0	0	0	0	0	0	0	0	841	0
Izaak Walton League Am	80	0	0	0	0	0	80	0	0	0	0
J Hopkins Bayview Med Ctr	7,750	0	0	0	0	0	0	7,750	0	0	0
Kennedy Rsch Inst Inc	410	0	0	120	0	0	0	290	0	0	0
Koop Foundation, The	2,997	0	2,997	0	0	0	0	0	0	0	0
Leaders of 21st Century	10	0	0	0	0	0	0	0	10	0	0
Life Science Rsch Fdn	324	0	0	0	0	324	0	0	0	0	0
Maryland Public TV	106	0	0	0	0	0	0	0	0	106	0
Melwood Hort Training Ctr	262	0	0	0	0	0	0	0	262	0	0
Natl Assc Home Builders	1,083	0	0	0	0	0	488	0	0	0	595
Natl Assoc Phys Env	250	0	0	0	0	0	250	0	0	0	0
Natl Public Svc Rsch Inst	282	0	0	0	0	0	0	282	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
Maryland, continued:											
Natl Radiatn Protect Meas	348	0	0	139	0	0	79	0	130	0	0
Nonprofit Initiative, Inc	80	0	0	0	0	0	0	0	80	0	0
Pacific Inst Rsch&Eval MD	4,348	0	0	0	0	0	0	4,348	0	0	0
Public Justice Center	46	0	0	0	0	0	0	0	0	0	46
Raising Hisp Acad Achvmnt	25	0	0	0	0	25	0	0	0	0	0
Sci Comm Oceanic Rsch	313	0	0	0	0	0	0	0	0	313	0
Sinai Hospital Baltimore	449	0	0	0	0	0	0	449	0	0	0
Soc Advancement Chicanos	129	0	0	0	0	36	0	0	0	93	0
Tiger Sci Education Fdn	101	0	0	0	0	101	0	0	0	0	0
Transcen, Inc	575	0	0	0	575	0	0	0	0	0	0
Triangle Coaltn Sci&Tech	297	0	0	0	0	230	0	0	67	0	0
U Assoc Rsch & Ed Pathol	301	0	0	0	0	0	0	301	0	0	0
University Rsch Fdn	1,443	0	0	1,161	0	0	0	0	282	0	0
Wildlife Habitat Council	34	0	0	0	0	0	34	0	0	0	0
North Carolina, total	56,476	25	0	8,407	0	665	5,369	37,742	4,154	114	0
Alleghaney Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Ashe Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0
Carolinas Medical Ctr	50	0	0	0	0	0	0	0	50	0	0
Chowan Hospital	50	0	0	0	0	0	0	50	0	0	0
Crawley Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Discovery Place, Inc	114	0	0	0	0	0	0	0	0	114	0
Family Health Intl	7,540	0	0	0	0	0	0	7,540	0	0	0
MCNC(Microelectrn Ctr NC)	3,293	0	0	2,809	0	0	372	0	112	0	0
Natl Inst Statistical Sci	1,501	0	0	0	0	0	1,501	0	0	0	0
Research Triangle Inst	43,778	25	0	5,598	0	665	3,496	30,002	3,992	0	0
South Carolina, total	28,170	0	6,799	19,874	0	1,089	0	400	0	8	0
Intst Shellfish Sanitatio	400	0	0	0	0	0	0	400	0	0	0
SC Research Authority	27,762	0	6,799	19,874	0	1,089	0	0	0	0	0
Soc Rsch Bio Rhythms	8	0	0	0	0	0	0	0	0	8	0
Virginia, total	64,897	931	865	46,181	250	3,364	2,387	353	1,495	7,420	1,651
Air Conditioning & Refrig	550	0	0	0	0	550	0	0	0	0	0
Am Geological Institute	928	0	0	0	0	42	0	0	0	886	0
Am Inst Biological Sci	60	0	0	60	0	0	0	0	0	0	0
Am Prosecutors Rsch Inst	100	0	0	0	0	0	0	0	0	0	100
Analytic Services, Inc	39,851	0	0	39,791	0	0	0	0	60	0	0
Anser Corporation	578	0	0	0	0	0	0	0	578	0	0
Assoc Analytical Chemists	203	0	0	0	0	0	0	203	0	0	0
Assoc Farmworker Opprtnty	90	0	0	0	0	0	90	0	0	0	0
Clean-Sites Inc	250	0	0	0	0	0	250	0	0	0	0
Cmpstng Cncl Rsch&Ed Fdn	80	0	0	0	0	0	80	0	0	0	0
Corp Natl Rsch Initiative	3,279	0	0	2,611	0	0	0	0	0	668	0
Council Am Bldg Officials	33	0	0	0	0	0	33	0	0	0	0
Hampshire Rsch Inst	100	0	0	0	0	0	100	0	0	0	0
Human Resources Rsch Org	2,969	0	0	2,969	0	0	0	0	0	0	0
Inc Rsch Insts Seismology	3,844	0	0	0	0	210	0	0	0	3,634	0
Inova Health System	50	0	0	0	0	0	0	0	50	0	0
Inst Global Env Strategy	254	0	0	0	0	0	0	0	254	0	0
Inst Regulatory Science	815	0	0	0	0	815	0	0	0	0	0
Inst for Law & Justice	929	0	0	0	0	0	0	0	0	0	929
Intl Coop Env Leadership	100	0	0	0	0	0	100	0	0	0	0
Intl Technology Ed Assoc	356	0	0	0	0	0	0	0	356	0	0
KISS Inst Practical Rbtcs	50	0	50	0	0	0	0	0	0	0	0
Marine Science Cnsrtm	62	0	0	0	0	0	0	0	0	62	0

See explanatory information, if any, and SOURCE at end of table

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other
South Atlantic, continued											
Virginia, continued											
National FFA Organization	70	0	0	0	0	0	70	0	0	0	0
Natl Auto Tech Ed Fdn Inc	645	0	0	0	0	625	20	0	0	0	0
Natl Cncl Independ Living	250	0	0	0	250	0	0	0	0	0	0
Natl Conf State Bldg Code	665	0	625	0	0	0	40	0	0	0	0
Natl Ctr Res Innovations	893	893	0	0	0	0	0	0	0	0	0
Natl Ctr for State Courts	112	0	0	0	0	0	0	0	0	0	112
Natl Office Social Resp	250	0	0	0	0	0	0	0	0	0	250
Natl Recycling Cltn	68	0	0	0	0	0	68	0	0	0	0
Natl School Board Assoc	124	0	0	0	0	0	0	0	0	124	0
Natl Wildlife Federation	15	0	0	0	0	0	15	0	0	0	0
Nature Conservancy	1,510	38	0	750	0	0	462	0	0	0	260
Norton Community Hospital	50	0	0	0	0	0	0	50	0	0	0
Nrthmptn-Accmk Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Rural Cmty Assistant Prgm	307	0	0	0	0	0	307	0	0	0	0
Senior Env Corps Inst	467	0	0	0	0	0	467	0	0	0	0
Southeastern U Rsch Assc	150	0	0	0	0	150	0	0	0	0	0
Southside Community Hosp	50	0	0	0	0	0	0	50	0	0	0
Terrene Institute	170	0	0	0	0	0	170	0	0	0	0
US Cvln R&D Fdn Indep Sts	2,046	0	0	0	0	0	0	0	0	2,046	0
US Export Cncl Renew Engy	972	0	0	0	0	972	0	0	0	0	0
United Way	190	0	190	0	0	0	0	0	0	0	0
WHRO	197	0	0	0	0	0	0	0	197	0	0
Water Env Federation	35	0	0	0	0	0	35	0	0	0	0
Water Env Rsch Fdn	80	0	0	0	0	0	80	0	0	0	0
West Virginia, total	9,605	1,275	5,850	501	0	100	229	150	1,500	0	0
Broadus Hospital	50	0	0	0	0	0	0	50	0	0	0
Davis Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0
Grant Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Natl Inst Chem Studies	229	0	0	0	0	0	229	0	0	0	0
Spring & Groundwater Inst	1,275	1,275	0	0	0	0	0	0	0	0	0
WV High Tech Cnsrtm	7,851	0	5,850	501	0	0	0	0	1,500	0	0
WV Research Corp	100	0	0	0	0	100	0	0	0	0	0
East South Central, total	56,401	808	1,122	7,681	0	625	3,305	40,632	1,894	0	334
Alabama, total	26,574	0	0	6,377	0	500	2,678	16,376	625	0	18
Marine Environ Sci Cnsrtm	18	0	0	0	0	0	0	0	0	0	18
Marion County Med Ctr	50	0	0	0	0	0	0	50	0	0	0
SE Ctr Elec Eng Ed	4,601	0	0	4,601	0	0	0	0	0	0	0
Southern Research Inst	21,905	0	0	1,776	0	500	2,678	16,326	625	0	0
Kentucky, total	2,388	0	983	0	0	0	502	903	0	0	0
Appalachian Col Assoc	600	0	600	0	0	0	0	0	0	0	0
Cncl of State Governments	149	0	0	0	0	0	149	0	0	0	0
Cont Radiatn Cntrl Drctrs	1,022	0	0	0	0	0	353	669	0	0	0
Ctr for Rural Development	383	0	383	0	0	0	0	0	0	0	0
KY River Foothills Dev	34	0	0	0	0	0	0	34	0	0	0
Marymount Medical Center	50	0	0	0	0	0	0	50	0	0	0
Mem Hosp (Manchester, KY)	50	0	0	0	0	0	0	50	0	0	0
Our Lady of the Way Hosp	50	0	0	0	0	0	0	50	0	0	0
Twin Lakes Reg Med Ctr	50	0	0	0	0	0	0	50	0	0	0
Mississippi, total	3,482	808	139	1,000	0	0	125	50	1,199	0	161
George County Hospital	50	0	0	0	0	0	0	50	0	0	0
Gulf Coast Rsch Lab	1,131	738	139	0	0	0	125	0	0	0	129
Inst for Technology Dev	1,170	70	0	0	0	0	0	0	1,100	0	0
MS Enterprise for Tech	32	0	0	0	0	0	0	0	0	0	32
Mississippi Resource Dev	1,000	0	0	1,000	0	0	0	0	0	0	0
TriSt Ed Initiativ Cnstrm	99	0	0	0	0	0	0	0	99	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
East South Central, continued:											
Tennessee, total	23,957	0	0	304	0	125	0	23,303	70	0	155
American Welding Inst	429	0	0	304	0	125	0	0	0	0	0
Big Brothers Big Sisters	34	0	0	0	0	0	0	34	0	0	0
Senior Neighbors Chattnga	34	0	0	0	0	0	0	34	0	0	0
St Jude Child Rsch Hosp	23,235	0	0	0	0	0	0	23,235	0	0	0
U TN Calspn Aero Rsch	70	0	0	0	0	0	0	0	70	0	0
YWCA of Greater Memphis	155	0	0	0	0	0	0	0	0	0	155
West South Central, total	159,625	50	4,971	95,954	3,097	2,761	1,033	12,145	37,054	829	1,731
Arkansas, total	403	0	0	0	0	0	40	362	0	0	1
Delta Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0
Eureka Springs Hospital	10	0	0	0	0	0	0	10	0	0	0
Jefferson Comp Care Sys	252	0	0	0	0	0	0	252	0	0	0
Stuttgart Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Winrock International	40	0	0	0	0	0	40	0	0	0	0
Womens Project	1	0	0	0	0	0	0	0	0	0	1
Louisiana, total	1,689	40	0	0	0	0	0	1,649	0	0	0
Alton Ochsner Med Fdn	743	0	0	0	0	0	0	743	0	0	0
Child Hosp (Nw Orlns LA)	656	0	0	0	0	0	0	656	0	0	0
Pointe Coupee Gen Hosp	50	0	0	0	0	0	0	50	0	0	0
South Cameron Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Sugar Process Rsch Inst	40	40	0	0	0	0	0	0	0	0	0
Touro Research Institute	150	0	0	0	0	0	0	150	0	0	0
Oklahoma, total	9,363	0	0	150	0	320	325	8,377	0	191	0
Baptist Rgn Hlth Ctr	50	0	0	0	0	0	0	50	0	0	0
Groundwater Prtctn Cncl	375	0	0	0	0	75	300	0	0	0	0
Interstate Oil Compact	245	0	0	0	0	245	0	0	0	0	0
Kingfisher Rgn Hospital	50	0	0	0	0	0	0	50	0	0	0
Mary Hurley Hospital	50	0	0	0	0	0	0	50	0	0	0
Oklahoma Med Rsch Fdn	8,568	0	0	150	0	0	0	8,227	0	191	0
Soc Applied Anthropology	25	0	0	0	0	0	25	0	0	0	0
Texas, total	148,170	10	4,971	95,804	3,097	2,441	668	1,757	37,054	638	1,730
ARC, The	225	0	0	0	125	100	0	0	0	0	0
Bat Conservation Intl	10	0	0	0	0	0	10	0	0	0	0
Botanical Rsch Inst TX	108	0	0	0	0	0	0	0	0	108	0
CTRC Research Fdn	1,432	0	0	1,432	0	0	0	0	0	0	0
Colorado Fayette Med Ctr	50	0	0	0	0	0	0	50	0	0	0
Columbus Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
Ctr Max Potential Bdg Sys	60	0	0	0	0	0	60	0	0	0	0
Ctr Occupational R&D	108	0	0	0	0	0	0	0	0	108	0
Cullen Eng Rsch Fdn	4,971	0	4,971	0	0	0	0	0	0	0	0
Fayette Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0
Frio Hospital	50	0	0	0	0	0	0	50	0	0	0
Habitat SW Humanity Intl	177	0	0	0	0	0	177	0	0	0	0
Heliosphere Research Corp	150	0	0	0	0	0	0	0	150	0	0
Henderson Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Hill Country Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Hispanic Assc Col & U	409	0	0	0	0	409	0	0	0	0	0
Houston Advanced Rsch	371	0	0	225	0	0	36	0	110	0	0
Inst Rehab & Rsch	2,472	0	0	0	2,472	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
West South Central, continued											
Texas, continued											
Institute Aerobics Rsch	836	0	0	0	0	0	0	836	0	0	0
Natl Assc Corrosion Eng	20	0	0	20	0	0	0	0	0	0	0
Natl Assc Womn Bus Ownrs	1	0	0	0	0	0	0	0	0	0	1
Natl Fdn for IPM Ed	385	0	0	0	0	0	385	0	0	0	0
Parkview Reg Hosp	50	0	0	0	0	0	0	50	0	0	0
Retina Fdn of the SW	128	0	0	0	0	0	0	128	0	0	0
Scott and White Mem Hosp	72	0	0	0	0	0	0	72	0	0	0
Sematech, Inc	84,587	0	0	84,587	0	0	0	0	0	0	0
Southwest Ed Dev Lab	500	0	0	0	500	0	0	0	0	0	0
Southwest Fdn Biomed Rsch	3,920	0	0	1,870	0	0	0	0	2,050	0	0
Southwest Research Inst	14,729	10	0	6,738	0	344	0	0	5,779	130	1,728
Stehlin Fnd for Cancr Res	101	0	0	0	0	0	0	101	0	0	0
Texas Eng Expmt Station	1,715	0	0	0	0	1,588	0	0	0	127	0
Texas Heart Institute	220	0	0	0	0	0	0	220	0	0	0
Universities Space Rsch	30,062	0	0	932	0	0	0	0	28,965	165	0
YWCA Metro Br Womens Ctr	1	0	0	0	0	0	0	0	0	0	1
Yoakum Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0
Mountain, total	95,308	190	9,154	4,179	600	16,326	6,561	34,722	15,800	2,525	5,251
Arizona, total	7,017	27	0	400	0	0	372	3,892	1,556	268	502
Baptist Med Ctr Arkadelph	50	0	0	0	0	0	0	50	0	0	0
Ctr Image Processing Ed	20	0	0	0	0	0	0	0	0	20	0
Env Asmnt Ed Fdn	50	0	0	0	0	0	50	0	0	0	0
Good Samaritan Med Ctr	182	0	0	0	0	0	0	182	0	0	0
Lowell Observatory	2,105	0	0	400	0	0	0	0	1,556	149	0
Malpai Borderlands Group	27	27	0	0	0	0	0	0	0	0	0
Natl Env Training Assoc	322	0	0	0	0	0	322	0	0	0	0
Navapache Hospital	50	0	0	0	0	0	0	50	0	0	0
Our Town Family Center	500	0	0	0	0	0	0	0	0	0	500
Page Hospital	50	0	0	0	0	0	0	50	0	0	0
Project NAIL	2	0	0	0	0	0	0	0	0	0	2
St Josephs Hosp & Med Ctr	2,625	0	0	0	0	0	0	2,526	0	99	0
Sun Health Rsch Inst	984	0	0	0	0	0	0	984	0	0	0
White Mountain Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
Colorado, total	60,432	18	9,056	230	600	2,438	5,221	27,145	14,115	1,096	513
Am Cancer Rsch Ctr & Hosp	3,337	0	0	0	0	0	0	3,337	0	0	0
Am Indian Sci & Eng Soc	228	0	0	40	0	15	0	0	70	103	0
Am Solar Energy Society	20	0	0	0	0	20	0	0	0	0	0
Am Wtr Wrks Assn Rsch Fdn	4,218	0	0	0	0	0	4,035	0	0	0	183
Amb Sentinel Pract Ntwrk	1,149	0	0	0	0	0	0	1,149	0	0	0
Arapahoe House, Inc	174	0	0	0	0	0	0	174	0	0	0
Aspen Center for Physics	154	0	0	0	0	6	0	0	21	127	0
Atmosphere Sys & Analysis	220	0	0	0	0	0	0	0	220	0	0
Biol Sci Curriculm Study	280	0	0	0	0	280	0	0	0	0	0
Boulder Ctr Sci & Policy	115	0	0	0	0	0	0	0	115	0	0
CO Ctr Environmental Mgmt	878	0	0	0	0	878	0	0	0	0	0
Child Hosp (Denver CO)	169	0	0	0	0	0	0	169	0	0	0
Cncl Engy Resource Tribes	120	0	0	0	0	120	0	0	0	0	0
Colorado Bird Observatory	15	0	0	0	0	0	15	0	0	0	0
Craig Hospital	600	0	0	0	600	0	0	0	0	0	0
Crow Valley Livestock	18	18	0	0	0	0	0	0	0	0	0
Ctr Hlth Policy Rsch	1,258	0	0	0	0	0	0	1,258	0	0	0
Ctr Policy Research	300	0	0	0	0	0	0	0	0	0	300
Delta Sigma Theta Sorority	1	0	0	0	0	0	0	0	0	0	1
E Roosevelt Inst Cancer	2,597	0	0	0	0	335	0	2,262	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Mountain, continued											
Colorado, continued:											
Electronic Pathways	125	0	0	0	0	0	0	0	125	0	0
Family Health West	50	0	0	0	0	0	0	50	0	0	0
Geological Soc of America	431	0	0	0	0	0	0	0	0	406	25
Girls Count	2	0	0	0	0	0	0	0	0	0	2
Inst Rsch Social Problem	193	0	0	0	0	0	0	193	0	0	0
Keystone Center	226	0	0	0	0	183	0	0	0	43	0
Mothers & Daughters, Inc	1	0	0	0	0	0	0	0	0	0	1
N E Womens Center	1	0	0	0	0	0	0	0	0	0	1
Natl Civic League	75	0	0	0	0	0	75	0	0	0	0
Natl Conf St Legis Leader	462	0	0	0	0	0	462	0	0	0	0
Natl Env Hlth Associate	200	0	0	0	0	0	200	0	0	0	0
Natl Jewish Med Rsch Ctr	18,008	0	0	0	0	0	0	18,008	0	0	0
Penrose Hospital	495	0	0	0	0	0	0	495	0	0	0
Rocky Mountain Bio Lab	417	0	0	0	0	0	0	0	0	417	0
Space Science Institute	271	0	0	0	0	0	0	0	271	0	0
St Marys Hosp (Gd Jct CO)	330	0	0	0	0	330	0	0	0	0	0
St Vincents Gen Hosp CO	50	0	0	0	0	0	0	50	0	0	0
U Corp for Atmosph Rsch	22,544	0	9,056	190	0	271	434	0	12,593	0	0
US Space Foundation	425	0	0	0	0	0	0	0	425	0	0
Windstar Foundation	275	0	0	0	0	0	0	0	275	0	0
Idaho, total	217	0	0	0	0	0	0	50	0	0	167
Community Health Clinics	167	0	0	0	0	0	0	0	0	0	167
Gritman Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0
Montana, total	1,429	145	98	0	0	413	246	439	0	30	58
Am River Mgmt Society	10	0	0	0	0	0	10	0	0	0	0
Career Training Institute	2	0	0	0	0	0	0	0	0	0	2
Clark Fork Valley Hosp	50	0	0	0	0	0	0	50	0	0	0
Cmty Memorial Hosp Sidney	49	0	0	0	0	0	0	49	0	0	0
Dillon Net, Inc	98	0	98	0	0	0	0	0	0	0	0
MT Hosp Rsch & Ed Fdn	141	0	0	0	0	0	0	141	0	0	0
Marcus Daly Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
McLaughlin Rsch Inst Bio	75	0	0	0	0	0	0	0	0	20	55
Montana Teachers of Math	10	0	0	0	0	0	0	0	0	10	0
Natl Ctr Appropriate Tech	649	0	0	0	0	413	236	0	0	0	0
Roosvlt Mem Hosp&Nrsg	50	0	0	0	0	0	0	50	0	0	0
St Johns Lutheran Hosp	49	0	0	0	0	0	0	49	0	0	0
Systems for Envir Mgt	145	145	0	0	0	0	0	0	0	0	0
Teton Medical Center	50	0	0	0	0	0	0	50	0	0	0
Women's Opp & Res Dvlpmt	1	0	0	0	0	0	0	0	0	0	1
Nevada, total	1,011	0	0	0	0	0	0	0	0	0	1,011
Natl Cncl Juv Fam Crt Jdg	1,011	0	0	0	0	0	0	0	0	0	1,011
New Mexico, total	15,936	0	0	3,549	0	8,089	682	2,395	90	1,131	0
Am Indian Opportunity	400	0	0	0	0	0	400	0	0	0	0
Chin-Am Engs & Sci Assoc	11	0	0	0	0	11	0	0	0	0	0
Lovelace Fdn for Med Ed	2,370	0	0	0	0	0	0	2,345	0	25	0
Lovelace Institutes, The	7,693	0	0	1,891	0	5,605	197	0	0	0	0
NM Museum of Natr Hist	129	0	0	0	0	0	0	0	0	129	0
Natl Ctr Genome Resources	2,034	0	0	0	0	2,034	0	0	0	0	0
Natl Indian Cncl Aging	426	0	0	0	0	0	0	0	0	426	0
New Mexico Mesa Inc	100	0	0	0	0	0	0	0	90	10	0
SW Rsch & Info Ctr	45	0	0	0	0	0	45	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Mountain, continued											
New Mexico, continued											
Sante Fe Institute	2,349	0	0	1,658	0	150	0	0	0	541	0
Self Reliance Foundation	329	0	0	0	0	289	40	0	0	0	0
Socorro General Hospital	50	0	0	0	0	0	0	50	0	0	0
Utah, total	3,238	0	0	0	0	2,386	40	773	39	0	0
Assoc Western U Inc	2,386	0	0	0	0	2,386	0	0	0	0	0
Center for Resource Mgt	40	0	0	0	0	0	40	0	0	0	0
Central Valley Med Ctr	50	0	0	0	0	0	0	50	0	0	0
Easter Seal Soc of Utah	67	0	0	0	0	0	0	67	0	0	0
Latter Day Saints Hosp	695	0	0	0	0	0	0	656	39	0	0
Wyoming, total	6,028	0	0	0	0	3,000	0	28	0	0	3,000
Campbell Co Hosp Dist	28	0	0	0	0	0	0	28	0	0	0
Western Research Inst	6,000	0	0	0	0	3,000	0	0	0	0	3,000
Pacific, total	504,760	5,790	0	74,076	5,196	3,295	4,883	370,786	8,629	28,510	3,595
Alaska, total	896	132	0	0	0	0	0	114	0	650	0
Alaska Federation Natives	171	0	0	0	0	0	0	0	0	171	0
Arctic Rsch Cnsrtm of US	479	0	0	0	0	0	0	0	0	479	0
Prince Wm Sound Sci&Tech	132	132	0	0	0	0	0	0	0	0	0
South Peninsula Hosp	50	0	0	0	0	0	0	50	0	0	0
Southcentral Foundation	64	0	0	0	0	0	0	64	0	0	0
California, total	348,657	273	0	60,553	4,997	3,037	2,155	242,236	8,112	23,709	3,585
Addiction Research Fdn	540	0	0	0	0	0	0	540	0	0	0
Adopt-A-Watershed	54	0	0	0	0	0	54	0	0	0	0
Agouron Institute	1,180	0	0	80	0	0	0	995	0	105	0
Am Assoc Crystal Growth	10	0	0	0	0	0	0	0	10	0	0
American Tech Initiative	636	0	0	0	0	0	0	0	636	0	0
Applied Technology Cncl	100	0	0	0	0	0	0	0	0	0	100
Assc Natl Person Mayor	190	0	0	0	0	0	190	0	0	0	0
Assoc Asian Pac Cmty Hlth	39	0	0	0	0	0	39	0	0	0	0
Astronomical Soc Pacific	31	0	0	0	0	0	0	0	31	0	0
Bay Area Env Rsch Inst	355	0	0	0	0	0	0	0	355	0	0
Beckman Research Inst	6,422	10	0	0	0	0	0	6,108	0	304	0
Bio-Integral Resource Ctr	100	0	0	0	0	0	100	0	0	0	0
Burnham Institute, The	18,367	0	0	484	0	0	0	17,883	0	0	0
CA Academy of Sciences	75	0	0	0	0	0	0	0	0	75	0
CA Museum Foundation	1,163	0	0	0	0	0	0	0	0	1,163	0
CA Public Hlth Foundation	2,985	0	0	131	650	0	0	2,204	0	0	0
CA U Rsch Earthquake Eng	50	0	0	0	0	0	0	0	0	50	0
Cedars Sinai Med Ctr	9,135	0	0	810	0	10	0	8,315	0	0	0
Chabot Obsrvtry & Sci Ctr	1,613	0	0	1,375	0	0	0	0	0	238	0
Child Hosp & Health Ctr	2,333	0	0	0	0	0	0	2,333	0	0	0
Child Hosp Los Angeles	8,649	0	0	945	0	0	0	7,704	0	0	0
Child Hosp&Med Ctr N CA	2,755	0	0	0	0	0	0	2,755	0	0	0
City of Hope Medical Ctr	500	0	0	500	0	0	0	0	0	0	0
Ctr Adv Study Behav Sci	1,050	0	0	0	0	0	0	0	0	1,050	0
Ctr Rsch Innovation & Soc	186	0	0	0	0	0	0	0	0	186	0
Doheny Eye Institute	1,400	0	0	0	0	0	0	1,400	0	0	0
Earthquake Eng Rsch Inst	199	0	0	0	0	0	0	0	0	199	0
Easter Seal Soc Redwd Cst	67	0	0	0	0	0	0	67	0	0	0
Eeg Systems Lab	199	0	0	0	0	0	0	0	199	0	0
Electric Power Research	1,711	0	0	0	0	1,311	0	0	0	0	400

See explanatory information, if any, and SOURCE at end of table

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific: continued											
California: continued											
Enrgy Advr & Retrofitter	111	0	0	0	0	0	111	0	0	0	0
Exploratorium	2,412	0	0	0	0	0	0	0	0	2,412	0
Far W Labs Ed Rsch & Dev	1,776	0	0	0	0	0	0	0	0	1,776	0
Fdn Am Acad Opthalmology	537	0	0	0	0	0	0	0	0	537	0
Fdn for Advance Sci & Ed	1,015	0	0	0	0	100	0	0	0	900	15
Genetic Information Inst	170	0	0	0	0	170	0	0	0	0	0
Herditary Disease Fdn	452	0	0	0	0	0	0	452	0	0	0
Hospital Good Samaritan	244	0	0	0	0	0	0	244	0	0	0
House Ear Institute	1,271	0	0	0	0	0	0	1,271	0	0	0
Hubbs Sea World Rsch Inst	106	0	0	0	0	0	0	0	0	0	106
Huntington Med Rsch Insts	1,741	0	0	0	0	0	0	1,641	100	0	0
Hydrolic Research Ctr	97	0	0	0	0	0	0	0	97	0	0
IISME:Ind Inv Sci&Mth Ed	33	0	0	0	0	0	0	0	33	0	0
Inst Medical Research	171	0	0	0	0	0	0	171	0	0	0
Inst Study Learning Exper	211	0	0	211	0	0	0	0	0	0	0
Inst for Rsch on Learning	1,052	0	0	0	0	0	0	0	0	1,052	0
Inst of Human Origins	2	0	0	0	0	0	0	0	0	2	0
Intl Computer Sci Inst	206	0	0	99	0	0	0	0	0	107	0
J Wayne Inst Cancer Trtmt	149	0	0	149	0	0	0	0	0	0	0
Jay David Gladstone Fdn	8,936	0	0	0	0	0	0	8,936	0	0	0
KCET:Cmty TV Southern CA	350	0	0	0	0	0	0	0	0	350	0
Kaiser Fdn Rsch Inst	13,685	0	0	815	0	0	686	12,184	0	0	0
Kaiser Foundation Hosp	175	0	0	0	0	0	0	175	0	0	0
Kaiser Permanente	101	0	0	0	0	0	0	101	0	0	0
Kestrel Institute	2,409	0	0	2,409	0	0	0	0	0	0	0
Korean Yth & Cmty Ctr	54	0	0	0	0	0	54	0	0	0	0
L A City Mus Natr Hist	956	0	0	0	0	0	0	0	0	956	0
Legal Svcs of Northern CA	100	0	0	0	0	0	0	100	0	0	0
Local Gvrnmnt Cmsn of CA	230	0	0	0	0	0	230	0	0	0	0
Los Amigos Rsch & Ed	2,028	0	0	0	2,028	0	0	0	0	0	0
Mark Twain St Joseph Hosp	50	0	0	0	0	0	0	50	0	0	0
Math Sciences Rsch Inst	3,917	0	0	125	0	250	0	0	0	3,542	0
Medical Biology Institute	2,073	0	0	149	0	0	0	1,924	0	0	0
Molecular Research Inst	713	0	0	0	0	0	0	649	64	0	0
Monterey Bay Aquarm Rsch	193	0	0	72	0	0	0	0	121	0	0
National Water Rsch Inst	420	0	0	0	0	0	200	0	0	0	220
Natl Assoc Hispanic Eldly	216	0	0	0	0	0	216	0	0	0	0
Natl Cncl Crime & Delnqcy	1,336	0	0	0	0	0	0	250	0	0	1,086
Natl Test Pilot School	199	0	0	0	0	0	0	0	199	0	0
Northern CA Cancer Ctr	1,587	0	0	1,587	0	0	0	0	0	0	0
Northern CA Inst Rsch&Ed	363	0	0	187	0	0	0	0	176	0	0
Pacific Inst Rsch&Eval CA	469	0	0	0	0	0	0	469	0	0	0
Pacifica Foundation	200	0	0	0	0	200	0	0	0	0	0
Palo Alto Med Rsch Fdn	2,134	0	0	0	0	0	0	2,134	0	0	0
Partnershp Env Tech Ed	75	0	0	0	0	0	75	0	0	0	0
Point Reyes Bird Observ	42	0	0	0	0	0	0	0	0	0	42
Prmry Care Perinatal Svcs	138	0	0	0	0	0	0	138	0	0	0
Public Health Fdn Entrprs	2,169	0	0	0	0	0	0	2,169	0	0	0
Rancho Santa Ana Bot Gdns	184	0	0	0	0	0	0	0	0	184	0
Rand Corporation	24,992	0	0	0	0	90	0	22,057	85	1,644	1,116
S Juan Capstrno Rsch Inst	371	0	0	0	0	0	0	0	371	0	0
SRI International	61,148	14	0	43,622	0	339	0	9,575	1,693	5,558	347
Salk Inst for Biol Study	33,274	187	0	2,644	0	110	0	29,346	275	712	0
San Diego Soc Natr Hist	11	0	0	11	0	0	0	0	0	0	0
Scientific Analysis Corp	1,316	0	0	0	0	0	0	1,316	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific, continued											
California, continued											
Scripps Clinic & Rsch Fdn	92,164	0	0	3,167	0	457	0	88,540	0	0	0
Seti Institute	3,174	0	0	0	0	0	0	0	3,174	0	0
Sidney Kimmel Cancer Ctr	777	0	0	777	0	0	0	0	0	0	0
Small Manufacturers Assoc	200	0	0	0	0	0	200	0	0	0	0
Smith Kittwell Eye Rsch	3,616	0	0	185	900	0	0	2,531	0	0	0
Soc Hispanic Prof Eng CA	19	0	0	19	0	0	0	0	0	0	0
Sonora Community Hospital	50	0	0	0	0	0	0	50	0	0	0
Southwest Regional Ed Lab	370	0	0	0	0	0	0	0	0	370	0
Space Physics Rsch Inst	281	0	0	0	0	0	0	0	281	0	0
Summit Medical Center	257	0	0	0	0	0	0	257	0	0	0
Through the Looking Glass	525	0	0	0	525	0	0	0	0	0	0
Torrey Pines Inst Molecir	98	0	0	0	0	0	0	0	0	98	0
Tradeswomen, Inc	1	0	0	0	0	0	0	0	0	0	1
Transnatl Family Rsch CA	254	0	0	0	0	0	0	254	0	0	0
Watershed Rsch&Trng Ctr	62	62	0	0	0	0	0	0	0	0	0
Western Aerospace Labs	212	0	0	0	0	0	0	0	212	0	0
Western Cnsrtm Public Hlth	4,948	0	0	0	0	0	0	4,948	0	0	0
Women Nontrad Emp Roles	152	0	0	0	0	0	0	0	0	0	152
World Inst Disabil Rsch	894	0	0	0	894	0	0	0	0	0	0
Zoological Soc San Diego	139	0	0	0	0	0	0	0	0	139	0
Hawaii, total	9,600	5,205	0	0	0	58	0	2,595	209	1,533	0
Bernice P Bishop Museum	997	0	0	0	0	0	0	0	0	997	0
CA Assoc Rsch Astronomy	209	0	0	0	0	0	0	0	209	0	0
Ctr Cultrl Tech Interchng	219	0	0	0	0	0	0	0	0	219	0
East West Center	58	0	0	0	0	58	0	0	0	0	0
Hawaii Sugar Planters	964	847	0	0	0	0	0	0	0	117	0
Kuakini Med Rsch Inst	2,447	0	0	0	0	0	0	2,447	0	0	0
Legal Aid Soc of HI	98	0	0	0	0	0	0	98	0	0	0
Maui Econ Dev Board	200	0	0	0	0	0	0	0	0	200	0
Oceanic Institute	4,358	4,358	0	0	0	0	0	0	0	0	0
Wilcox Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Oregon, total	37,680	170	0	4,309	199	200	327	31,923	233	312	7
Central City Concern	96	0	0	0	0	0	0	96	0	0	0
Eugene Research Inst	199	0	0	0	199	0	0	0	0	0	0
Good Sam Hosp & Med	3,682	0	0	0	0	0	0	3,499	183	0	0
Grande Ronde Hospital	50	0	0	0	0	0	0	50	0	0	0
Hood River Mem Hospital	50	0	0	0	0	0	0	50	0	0	0
Mental Health Svcs West	85	0	0	0	0	0	0	85	0	0	0
Neighborhood Hlth Clinics	1	0	0	0	0	0	0	0	0	0	1
OR Reg Primate Rsch Ctr	13,422	0	0	0	0	0	0	13,422	0	0	0
Oregon Museum Sci Indstry	506	0	0	0	0	0	0	194	0	312	0
Oregon Public Broadcastng	250	0	0	0	0	200	0	0	50	0	0
Oregon Research Inst	8,422	0	0	0	0	0	0	8,422	0	0	0
Oregon Socl Learning Ctr	5,285	0	0	0	0	0	0	5,285	0	0	0
Oregon Tradeswomen Ntwk	2	0	0	0	0	0	0	0	0	0	2
Pacific GIS	125	125	0	0	0	0	0	0	0	0	0
Pacific Rivers Cncl, Inc	150	0	0	0	0	0	150	0	0	0	0
Portland Energy Cnsrvtn	177	0	0	0	0	0	177	0	0	0	0
Providence Med Ctr Prtlnd	5,129	0	0	4,309	0	0	0	820	0	0	0
Sustainbl Ecosystems Inst	45	45	0	0	0	0	0	0	0	0	0
YWCA (Salem, OR)	4	0	0	0	0	0	0	0	0	0	4

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1996

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific, continued:											
Washington, total	107,927	10	0	9,214	0	0	2,401	93,918	75	2,306	3
Astrophysical Rsch Cnsrtm	1,081	0	0	81	0	0	0	0	0	1,000	0
Battelle Ctrs Pub Hlth	1,712	0	0	0	0	0	0	1,712	0	0	0
Biomembrane Institute	267	0	0	0	0	0	0	267	0	0	0
Child Hosp Med Ctr Seat	6,331	0	0	983	0	0	0	5,348	0	0	0
Community Home Health	50	0	0	0	0	0	0	50	0	0	0
Ctr Health Studies	64	0	0	0	0	0	0	64	0	0	0
Earth and Space Research	139	0	0	67	0	0	0	0	0	72	0
F Hutchnsn Cancer Rsch	79,983	0	0	2,107	0	0	0	77,570	33	273	0
Grp Hlth Coop Puget Sound	300	0	0	0	0	0	0	300	0	0	0
Infcts Disease Rsch Inst	920	0	0	612	0	0	0	308	0	0	0
Intl Assoc Wildland Fire	10	10	0	0	0	0	0	0	0	0	0
Intl Soc Optical Eng	50	0	0	50	0	0	0	0	0	0	0
Intl Standards Initiative	5,025	0	0	5,000	0	0	25	0	0	0	0
KCTS Television	802	0	0	0	0	0	0	0	0	802	0
Mountains to Sound Grnwy	50	0	0	0	0	0	50	0	0	0	0
Natl Asian Pac Ctr Aging	2,126	0	0	0	0	0	2,126	0	0	0	0
Pacific Biomtrcs Rsch Fdn	32	0	0	0	0	0	0	0	32	0	0
Pacific NW Research Fdn	889	0	0	314	0	0	0	575	0	0	0
Pacific Science Ctr Fdn	9	0	0	0	0	0	0	0	0	9	0
Pacific Watershed Inst	150	0	0	0	0	0	150	0	0	0	0
Puget Sound Blood Center	334	0	0	0	0	0	0	334	0	0	0
Seattle Biomed Rsch Inst	3,397	0	0	0	0	0	0	3,247	0	150	0
Swedish Hospital Med Ctr	734	0	0	0	0	0	0	734	0	0	0
Tri State Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
VA Msn Fdn Med Ed & Rsch	3,359	0	0	0	0	0	0	3,359	0	0	0
Wmn Hlthcr Ed, Rfrm, Eq	1	0	0	0	0	0	0	0	0	0	1
Women Eng Advoc Ntwrk	10	0	0	0	0	0	0	0	10	0	0
Women Trades Fair Comm	1	0	0	0	0	0	0	0	0	0	1
Women in Unity Fdn	1	0	0	0	0	0	0	0	0	0	1
Yakima Vly Frmwrkrs Clnc	50	0	0	0	0	0	50	0	0	0	0
Outlying Areas, total	152	1	0	0	0	0	0	150	0	0	1
Puerto Rico, total	151	1	0	0	0	0	0	150	0	0	0
Castaner General Hospital	50	0	0	0	0	0	0	50	0	0	0
Puerto Rico Consrvtn Fdn	1	1	0	0	0	0	0	0	0	0	0
Puerto Rico Lgl Svcs, Inc	100	0	0	0	0	0	0	100	0	0	0
Virgin Islands, total	1	0	0	0	0	0	0	0	0	0	1
St Croix Fdn Cmty Dvlpmt	1	0	0	0	0	0	0	0	0	0	1

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, and Transportation; the Agency for International Development; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	1,724,369	6,239	23,104	863,445	6,961	25,745	19,776	631,979	1,027	56,231	77,736	12,126
1 Draper Laboratories	221,275	0	0	215,114	0	0	0	0	0	6,161	0	0
2 Mitre Corporation	206,849	0	180	202,895	0	1,279	0	1,400	0	983	112	0
3 Sematech, Inc	84,587	0	0	84,587	0	0	0	0	0	0	0	0
4 F Hutchnsn Cancer Rsch	79,983	0	0	2,107	0	0	0	77,570	0	33	273	0
5 Battelle Memorial Inst	75,487	0	0	64,844	0	0	314	8,337	0	1,474	0	518
6 SRI International	61,148	14	0	43,622	0	339	0	9,575	0	1,693	5,558	347
7 H M Jackson Foundation	60,814	0	0	51,754	0	44	0	8,226	0	366	424	0
8 Mem Sloan-Kettering Canc	54,631	0	0	2,436	0	0	0	51,450	0	0	745	0
9 Research Triangle Inst	43,778	25	0	5,598	0	665	3,496	30,002	0	3,992	0	0
10 Analytic Services, Inc	39,851	0	0	39,791	0	0	0	0	0	60	0	0
Total 1st 10 institutions	928,403	39	180	712,748	0	2,327	3,810	186,560	0	14,762	7,112	865
11 IIT Research Institute	34,227	0	0	32,543	0	0	0	1,514	170	0	0	0
12 Joint Ocean Insts, Inc	33,749	0	0	618	0	0	0	0	0	0	33,131	0
13 Salk Inst for Biol Study	33,274	187	0	2,644	0	110	0	29,346	0	275	712	0
14 Rand Corporation	24,992	0	0	0	0	90	0	22,057	0	85	1,644	1,116
15 U Corp for Atmosph Rsch	22,544	0	9,056	190	0	271	434	0	0	12,593	0	0
16 Whitehead Inst Biomed	22,150	0	0	912	0	319	0	20,456	0	0	463	0
17 Cold Spring Harbor Lab	21,923	97	0	600	0	346	0	18,832	0	0	2,048	0
18 Southern Research Inst	21,905	0	0	1,776	0	500	2,678	16,326	0	625	0	0
19 Jackson Laboratory	21,370	0	0	480	0	246	0	20,378	0	0	266	0
20 Allegheny Singer Rsch	19,431	0	5,333	0	168	0	0	13,930	0	0	0	0
Total 1st 20 institutions	1,183,968	323	14,569	752,511	168	4,209	6,922	329,399	170	28,340	45,376	1,981
21 Natl Ctr Manufactrng Sci	18,920	0	0	18,630	0	290	0	0	0	0	0	0
22 Burnham Institute, The	18,367	0	0	484	0	0	0	17,883	0	0	0	0
23 Environmental Rsch Inst	17,858	0	4,319	10,923	0	0	1,536	410	0	660	10	0
24 Calspan U Buffalo Rsch	16,624	0	0	16,278	0	0	0	0	0	346	0	0
25 Wistar Institute	15,900	0	0	2,359	0	0	0	12,022	0	1,344	175	0
26 Southwest Research Inst	14,729	10	0	6,738	0	344	0	0	0	5,779	130	1,728
27 Ctr Blood Research	14,401	0	0	0	0	0	0	14,401	0	0	0	0
28 Kaiser Fdn Rsch Inst	13,685	0	0	815	0	0	686	12,184	0	0	0	0
29 OR Reg Primate Rsch Ctr	13,422	0	0	0	0	0	0	13,422	0	0	0	0
30 American Hlth Fdn, Inc	10,774	0	0	0	0	0	0	10,774	0	0	0	0
Total 1st 30 institutions	1,338,648	333	18,888	808,738	168	4,843	9,144	410,495	170	36,469	45,691	3,709
31 Natl Bureau Econ Rsch Inc	10,119	0	0	0	0	0	0	4,932	0	0	5,187	0
32 Am Registry Pathology	9,573	0	0	9,507	0	0	0	0	0	0	66	0
33 Frontier Sci & Tech Rsch	8,842	0	0	0	0	0	0	8,842	0	0	0	0
34 Oklahoma Med Rsch Fdn	8,568	0	0	150	0	0	0	8,227	0	0	191	0
35 Schepens Eye Rsch Inst	8,550	0	0	0	0	300	0	8,250	0	0	0	0
36 Ohio Aerospace Institute	8,438	0	3,169	493	0	0	0	0	0	4,776	0	0
37 Oregon Research Inst	8,422	0	0	0	0	0	0	8,422	0	0	0	0
38 Public Health Res Inst	8,281	0	0	1,799	0	0	0	6,254	0	0	228	0
39 Lovelace Institutes, The	7,693	0	0	1,891	0	5,605	197	0	0	0	0	0
40 Inst for Cancer Research	7,594	0	0	0	0	0	0	7,270	0	0	324	0
Total 1st 40 institutions	1,424,728	333	22,057	822,578	168	10,748	9,341	462,692	170	41,245	51,687	3,709
41 Family Health Intl	7,540	0	0	0	0	0	0	7,540	0	0	0	0
42 St Lukes-Rsvlt Inst Hlth	7,502	0	0	0	0	0	0	7,502	0	0	0	0
43 Mayo Foundation	6,835	0	0	6,089	0	0	0	268	0	352	126	0
44 MPC Corporation	6,807	0	0	0	0	0	0	1,523	0	0	5,284	0
45 Beckman Research Inst	6,422	10	0	0	0	0	0	6,108	0	0	304	0
46 Worcester Fdn Exper Bio	6,357	0	0	219	0	186	0	5,831	0	0	121	0
47 Forsyth Dental Center	6,237	0	0	0	0	0	0	6,237	0	0	0	0
48 Child Hosp Natl Med Ctr	6,036	0	0	110	0	0	0	5,926	0	0	0	0
49 Western Research Inst	6,000	0	0	0	0	3,000	0	0	0	0	0	3,000
50 Friends Med Sci Rsch Ctr	5,862	0	0	0	0	0	0	5,862	0	0	0	0
Total 1st 50 institutions	1,490,326	343	22,057	828,996	168	13,934	9,341	509,489	170	41,597	57,522	6,709

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 Oregon Socl Learning Ctr	5,285	0	0	0	0	0	0	5,285	0	0	0	0
52 Midwest Research Inst	5,249	0	0	234	0	600	0	3,788	0	427	0	200
53 U City Science Center	5,228	0	0	175	0	3,285	83	1,438	0	8	239	0
54 Syracuse Research Corp	4,903	0	0	4,903	0	0	0	0	0	0	0	0
55 Boston Biomedical Rsch	4,806	0	0	0	0	0	0	4,648	0	0	158	0
56 Ctr Molecular Med & Immun	4,736	0	0	0	0	264	0	4,472	0	0	0	0
57 Urban Institute	4,661	0	0	0	0	0	0	3,066	0	0	54	1,541
58 Natl Opinion Research Ctr	4,603	0	0	37	0	0	0	2,316	0	0	2,250	0
59 EK Shriver Ctr Mental	4,590	0	0	0	0	142	0	4,443	0	0	5	0
60 Oceanic Institute	4,358	4,358	0	0	0	0	0	0	0	0	0	0
Total 1st 60 institutions	1,538,745	4,701	22,057	834,345	168	18,225	9,424	538,945	170	42,032	60,228	8,450
61 Pacific Inst Rsch&Eval MD	4,348	0	0	0	0	0	0	4,348	0	0	0	0
62 Southwest Fdn Biomed Rsch	3,920	0	0	1,870	0	0	0	0	0	2,050	0	0
63 Math Sciences Rsch Inst	3,917	0	0	125	0	250	0	0	0	0	3,542	0
64 Marshfield Med Rsch Fdn	3,787	0	0	0	0	0	0	3,787	0	0	0	0
65 Smith Kittwell Eye Rsch	3,616	0	0	185	900	0	0	2,531	0	0	0	0
66 Mediantic Health Care Grp	3,514	0	0	0	500	0	0	3,014	0	0	0	0
67 Coriell Inst for Med Rsch	3,478	0	0	0	0	0	0	3,478	0	0	0	0
68 Seattle Biomed Rsch Inst	3,397	0	0	0	0	0	0	3,247	0	0	150	0
69 VA Msn Fdn Med Ed & Rsch	3,359	0	0	0	0	0	0	3,359	0	0	0	0
70 MCNC(Microelectrn Ctr NC)	3,293	0	0	2,809	0	0	372	0	0	112	0	0
Total 1st 70 institutions	1,575,374	4,701	22,057	839,334	1,568	18,475	9,796	562,709	170	44,194	63,920	8,450
71 Monell Chem Senses Ctr	3,286	0	0	0	0	0	0	3,286	0	0	0	0
72 Corp Natl Rsch Initiative	3,279	0	0	2,611	0	0	0	0	0	0	668	0
73 Seti Institute	3,174	0	0	0	0	0	0	0	0	3,174	0	0
74 Education Development Ctr	3,099	0	0	261	748	0	0	1,790	0	0	0	300
75 Edison Weld Inst	3,078	0	0	3,078	0	0	0	0	0	0	0	0
76 Minneapolis Med Rsch Fdn	3,071	0	0	0	0	0	0	3,071	0	0	0	0
77 Marine Biological Lab	3,039	0	0	60	0	230	244	1,989	0	516	0	0
78 CA Public Hlth Foundation	2,985	0	0	131	650	0	0	2,204	0	0	0	0
79 Human Resources Rsch Org	2,969	0	0	2,969	0	0	0	0	0	0	0	0
80 Trudeau Institute Inc	2,873	0	0	0	0	0	0	2,873	0	0	0	0
Total 1st 80 institutions	1,606,227	4,701	22,057	848,444	2,966	18,705	10,040	577,922	170	47,884	64,588	8,750
81 Hauptman-Wdwrd Med Rsch	2,702	0	0	0	0	0	0	2,421	0	185	96	0
82 E Roosevelt Inst Cancer	2,597	0	0	0	0	335	0	2,262	0	0	0	0
83 Kuakini Med Rsch Inst	2,447	0	0	0	0	0	0	2,447	0	0	0	0
84 Kestrel Institute	2,409	0	0	2,409	0	0	0	0	0	0	0	0
85 Lovelace Fdn for Med Ed	2,370	0	0	0	0	0	0	2,345	0	0	25	0
86 Sante Fe Institute	2,349	0	0	1,658	0	150	0	0	0	0	541	0
87 Haskins Laboratories, Inc	2,282	0	0	0	0	0	0	2,162	0	0	120	0
88 Hektoen Inst Med Rsch	2,231	0	0	0	0	0	0	2,231	0	0	0	0
89 W Alton Jones Cell Sci	2,197	0	0	0	0	21	0	2,176	0	0	0	0
90 MA Health Research Inst	2,189	0	0	0	125	0	0	2,064	0	0	0	0
Total 1st 90 institutions	1,630,000	4,701	22,057	852,511	3,091	19,211	10,040	596,030	170	48,069	65,370	8,750
91 Public Health Fdn Entrprs	2,169	0	0	0	0	0	0	2,169	0	0	0	0
92 Palo Alto Med Rsch Fdn	2,134	0	0	0	0	0	0	2,134	0	0	0	0
93 Lowell Observatory	2,105	0	0	400	0	0	0	0	0	1,556	149	0
94 Medical Biology Institute	2,073	0	0	149	0	0	0	1,924	0	0	0	0
95 Los Amigos Rsch & Ed	2,028	0	0	0	2,028	0	0	0	0	0	0	0
96 Weis Center for Research	1,990	0	0	0	0	0	0	1,990	0	0	0	0
97 Manpowr Demo Rsch Corp	1,891	0	0	0	0	0	0	1,141	0	0	0	750
98 Far W Labs Ed Rsch & Dev	1,776	0	0	0	0	0	0	0	0	0	1,776	0
99 James N Gamble Inst Med	1,772	0	0	0	0	0	0	1,772	0	0	0	0
100 Huntington Med Rsch Insts	1,741	0	0	0	0	0	0	1,641	0	100	0	0
Total 1st 100 institutions	1,649,679	4,701	22,057	853,060	5,119	19,211	10,040	608,801	170	49,725	67,295	9,500

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 Texas Eng Exprmt Station	1,715	0	0	0	0	1,588	0	0	0	0	127	0
102 Battelle Ctrs Pub Hlth	1,712	0	0	0	0	0	0	1,712	0	0	0	0
103 Resources for the Future	1,648	0	0	0	0	55	1,305	0	0	117	171	0
104 Health Research, Inc	1,604	0	0	237	118	377	112	0	0	0	760	0
105 Northern CA Cancer Ctr	1,587	0	0	1,587	0	0	0	0	0	0	0	0
106 Lankenau Med Rsch Center	1,525	0	0	0	0	0	0	1,525	0	0	0	0
107 Nature Conservancy	1,510	38	0	750	0	0	462	0	260	0	0	0
108 Natl Inst Statistical Sci	1,501	0	0	0	0	0	1,501	0	0	0	0	0
109 Henry Ford Health System	1,371	0	0	289	0	0	0	1,082	0	0	0	0
110 Scientific Analysis Corp	1,316	0	0	0	0	0	0	1,316	0	0	0	0
Total 1st 110 institutions	1,665,168	4,739	22,057	855,923	5,237	21,231	13,420	614,436	430	49,842	68,353	9,500
111 House Ear Institute	1,271	0	0	0	0	0	0	1,271	0	0	0	0
112 Ctr Hlth Policy Rsch	1,258	0	0	0	0	0	0	1,258	0	0	0	0
113 Humn Svc Rsch (Cmbrg MA)	1,250	0	0	0	0	0	0	1,250	0	0	0	0
114 Woods Hole Research Ctr	1,250	0	0	0	0	480	271	0	0	499	0	0
115 Industrial Tech Institute	1,248	0	853	395	0	0	0	0	0	0	0	0
116 B Thompson Inst Plant	1,239	116	0	0	0	176	0	414	0	0	533	0
117 Agouron Institute	1,180	0	0	80	0	0	0	995	0	0	105	0
118 Inst for Technology Dev	1,170	70	0	0	0	0	0	0	0	1,100	0	0
119 Amb Sentinel Pract Ntwrk	1,149	0	0	0	0	0	0	1,149	0	0	0	0
120 Gulf Coast Rsch Lab	1,131	738	139	0	0	0	125	0	129	0	0	0
Total 1st 120 institutions	1,677,314	5,663	23,049	856,398	5,237	21,887	13,816	620,773	559	51,441	68,991	9,500
121 Natl Biomedical Rsch Fdn	1,090	0	0	0	0	0	0	1,090	0	0	0	0
122 Astrophysical Rsch Cnsrtm	1,081	0	0	81	0	0	0	0	0	0	1,000	0
123 Inst for Rsch on Learning	1,052	0	0	0	0	0	0	0	0	0	1,052	0
124 Ctr Adv Study Behav Sci	1,050	0	0	0	0	0	0	0	0	0	1,050	0
125 Rehab Inst of Chicago	1,025	0	0	0	1,025	0	0	0	0	0	0	0
126 Sun Health Rsch Inst	984	0	0	0	0	0	0	984	0	0	0	0
127 Skidaway Inst Oceanog	976	0	0	207	0	444	200	0	0	0	125	0
128 Inst for Law & Justice	929	0	0	0	0	0	0	0	0	0	0	929
129 Am Geological Institute	928	0	0	0	0	42	0	0	0	0	886	0
130 Infcts Disease Rsch Inst	920	0	0	612	0	0	0	308	0	0	0	0
Total 1st 130 institutions	1,687,349	5,663	23,049	857,298	6,262	22,373	14,016	623,155	559	51,441	73,104	10,429
131 Pacific NW Research Fdn	889	0	0	314	0	0	0	575	0	0	0	0
132 Michigan Molecular Inst	877	0	0	877	0	0	0	0	0	0	0	0
133 Palisades Geophysical Ins	854	0	0	854	0	0	0	0	0	0	0	0
134 Inst Global Environment	841	0	0	0	0	0	0	0	0	0	841	0
135 Institute Aerobics Rsch	836	0	0	0	0	0	0	836	0	0	0	0
136 Natural Res Def Cncl	836	0	0	0	0	0	836	0	0	0	0	0
137 Inst Regulatory Science	815	0	0	0	0	815	0	0	0	0	0	0
138 Northeastern Rsch Fdn	813	0	0	432	0	0	0	0	0	381	0	0
139 Sidney Kimmel Cancer Ctr	777	0	0	777	0	0	0	0	0	0	0	0
140 Fox Chase Cancer Center	776	0	0	776	0	0	0	0	0	0	0	0
Total 1st 140 institutions	1,695,663	5,663	23,049	861,328	6,262	23,188	14,852	624,566	559	51,822	73,945	10,429
141 Molecular Research Inst	713	0	0	0	0	0	0	649	0	64	0	0
142 Riverside Research Inst	702	0	0	0	0	0	0	702	0	0	0	0
143 Coneg Policy Rsch Ctr	650	0	0	0	0	600	50	0	0	0	0	0
144 Internatl Life Sci Inst	640	0	0	0	0	0	640	0	0	0	0	0
145 Unison Institute	600	0	0	0	0	0	350	0	0	0	0	250
146 Anser Corporation	578	0	0	0	0	0	0	0	0	578	0	0
147 Citizens Env Rsch Inst	570	0	0	0	0	0	570	0	0	0	0	0
148 Air Conditioning & Refrig	550	0	0	0	0	550	0	0	0	0	0	0
149 Addiction Research Fdn	540	0	0	0	0	0	0	540	0	0	0	0
150 Treatment Research Inst	508	0	0	0	0	0	0	508	0	0	0	0
Total 1st 150 institutions	1,701,714	5,663	23,049	861,328	6,262	24,338	16,462	626,965	559	52,464	73,945	10,679

See explanatory information, if any, and SOURCE at end of table

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
151 American Planning Assc	500	0	0	0	0	0	0	0	0	0	0	500
152 Southwest Ed Dev Lab	500	0	0	0	500	0	0	0	0	0	0	0
153 Masonic Medical Rsch Lab	491	0	0	0	0	0	0	491	0	0	0	0
154 Natl Conf St Legis Leader	462	0	0	0	0	0	462	0	0	0	0	0
155 Brookings Institution	457	0	0	0	0	0	142	103	0	0	212	0
156 Center Marine Conserv	455	0	0	0	0	0	455	0	0	0	0	0
157 Hereditary Disease Fdn	452	0	0	0	0	0	0	452	0	0	0	0
158 Childrens TV Workshop	439	0	0	0	0	0	0	0	0	0	439	0
159 American Welding Inst	429	0	0	304	0	125	0	0	0	0	0	0
160 National Water Rsch Inst	420	0	0	0	0	0	200	0	220	0	0	0
Total 1st 160 institutions	1,706,319	5,663	23,049	861,632	6,762	24,463	17,721	628,011	779	52,464	74,596	11,179
161 Rocky Mountain Bio Lab	417	0	0	0	0	0	0	0	0	0	417	0
162 Kennedy Rsch Inst Inc	410	0	0	120	0	0	0	290	0	0	0	0
163 Potomac Inst Policy Stud	400	0	0	0	0	0	0	0	0	400	0	0
164 Hipple Cancer Rsch Ctr	372	0	0	148	0	0	0	224	0	0	0	0
165 S Juan Capstrno Rsch Inst	371	0	0	0	0	0	0	0	0	371	0	0
166 Southwest Regional Ed Lab	370	0	0	0	0	0	0	0	0	0	370	0
167 Southern State Energy	369	0	0	0	0	369	0	0	0	0	0	0
168 Northern CA Inst Rsch&Ed	363	0	0	187	0	0	0	0	0	176	0	0
169 Yale Southern Observatory	357	0	0	0	0	0	0	0	0	0	357	0
170 Bay Area Env Rsch Inst	355	0	0	0	0	0	0	0	0	355	0	0
Total 1st 170 institutions	1,710,103	5,663	23,049	862,087	6,762	24,832	17,721	628,525	779	53,766	75,740	11,179
171 Autonms Undersea Sys Inst	334	0	0	334	0	0	0	0	0	0	0	0
172 Tellus Institute, Inc	323	0	0	0	0	0	323	0	0	0	0	0
173 Mount Desert Isld Bio Lab	320	0	0	0	0	0	0	320	0	0	0	0
174 Carnegie Inst Pittsburgh	304	0	0	0	0	0	0	0	0	0	304	0
175 Ctr Hzrds Materials Rsch	303	0	0	0	0	0	303	0	0	0	0	0
176 Ctr Policy Research	300	0	0	0	0	0	0	0	0	0	0	300
177 Natl Public Svc Rsch Inst	282	0	0	0	0	0	0	282	0	0	0	0
178 Space Physics Rsch Inst	281	0	0	0	0	0	0	0	0	281	0	0
179 Inst Circadian Physiology	277	0	0	0	0	0	0	0	0	277	0	0
180 Biomembrane Institute	267	0	0	0	0	0	0	267	0	0	0	0
Total 1st 180 institutions	1,713,094	5,663	23,049	862,421	6,762	24,832	18,347	629,394	779	54,324	76,044	11,479
181 Inst Global Env Strategy	254	0	0	0	0	0	0	0	0	254	0	0
182 Transnatl Family Rsch CA	254	0	0	0	0	0	0	254	0	0	0	0
183 Natl Office Social Resp	250	0	0	0	0	0	0	0	0	0	0	250
184 Compton Rsch Lab, Inc	245	0	0	245	0	0	0	0	0	0	0	0
185 D Guthrie Fdn Med Rsch	236	0	0	0	0	0	0	236	0	0	0	0
186 Rodale Institute	234	219	0	0	0	0	15	0	0	0	0	0
187 Tampa Bay Rsch Inst Tech	233	0	0	0	0	0	0	233	0	0	0	0
188 Natl Inst Chem Studies	229	0	0	0	0	0	229	0	0	0	0	0
189 Ctr Hlth Economic Rsch	226	0	0	0	0	0	0	226	0	0	0	0
190 Atmosphere Sys & Analysis	220	0	0	0	0	0	0	0	0	220	0	0
Total 1st 190 institutions	1,715,475	5,882	23,049	862,666	6,762	24,832	18,591	630,343	779	54,798	76,044	11,729
191 Texas Heart Institute	220	0	0	0	0	0	0	220	0	0	0	0
192 Ctr Cultrl Tech Interchng	219	0	0	0	0	0	0	0	0	0	219	0
193 Western Aerospace Labs	212	0	0	0	0	0	0	0	0	212	0	0
194 Intl Computer Sci Inst	206	0	0	99	0	0	0	0	0	0	107	0
195 Assoc Analytical Chemists	203	0	0	0	0	0	0	203	0	0	0	0
196 Crime & Justice Rsch Inst	200	0	0	0	0	0	0	0	0	0	0	200
197 Earthquake Eng Rsch Inst	199	0	0	0	0	0	0	0	0	0	199	0
198 Eeg Systems Lab	199	0	0	0	0	0	0	0	0	199	0	0
199 Eugene Research Inst	199	0	0	0	199	0	0	0	0	0	0	0
200 Inst Rsch Social Problem	193	0	0	0	0	0	0	193	0	0	0	0
Total 1st 200 institutions	1,717,525	5,882	23,049	862,765	6,961	24,832	18,591	630,959	779	55,209	76,569	11,929

See explanatory information, if any, and SOURCE at end of table

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
201 Mass Mentl Hlth Rsch Corp	193	0	0	0	0	0	0	0	0	193	0	0
202 Monterey Bay Aquarm Rsch	193	0	0	72	0	0	0	0	0	121	0	0
203 Inst for Sci Rsch Inc	190	0	0	0	0	0	0	0	0	125	65	0
204 Rancho Santa Ana Bot Gdns	184	0	0	0	0	0	0	0	0	0	184	0
205 Act Trans Demand Mgmt	175	0	0	0	0	0	175	0	0	0	0	0
206 Cranbrook Inst of Science	175	0	0	0	0	0	0	0	0	0	175	0
207 Mote Marine Laboratory	175	40	0	75	0	0	0	0	0	0	60	0
208 Inst Medical Research	171	0	0	0	0	0	0	171	0	0	0	0
209 Genetic Information Inst	170	0	0	0	0	170	0	0	0	0	0	0
210 Hudson Institute	170	0	0	70	0	0	0	0	0	0	0	100
Total 1st 210 institutions	1,719,321	5,922	23,049	862,982	6,961	25,002	18,766	631,130	779	55,648	77,053	12,029
211 Natl Dvlpmt & Rsch Inst	170	0	0	0	0	0	0	170	0	0	0	0
212 Florida Solar Energy Ctr	165	0	0	0	0	165	0	0	0	0	0	0
213 Academy Natural Sciences	159	0	0	0	0	0	159	0	0	0	0	0
214 Aspen Center for Physics	154	0	0	0	0	6	0	0	0	21	127	0
215 Heliosphere Research Corp	150	0	0	0	0	0	0	0	0	150	0	0
216 Pacific Watershed Inst	150	0	0	0	0	0	150	0	0	0	0	0
217 Southeastern U Rsch Assc	150	0	0	0	0	150	0	0	0	0	0	0
218 J Wayne Inst Cancer Trtmt	149	0	0	149	0	0	0	0	0	0	0	0
219 United States Conf Mayors	149	0	0	0	0	0	110	0	0	0	0	39
220 Systems for Envir Mgt	145	145	0	0	0	0	0	0	0	0	0	0
Total 1st 220 institutions	1,720,862	6,067	23,049	863,131	6,961	25,323	19,185	631,300	779	55,819	77,180	12,068
221 Earth and Space Research	139	0	0	67	0	0	0	0	0	0	72	0
222 Prince Wm Sound Sci&Tech	132	132	0	0	0	0	0	0	0	0	0	0
223 Retina Fdn of the SW	128	0	0	0	0	0	0	128	0	0	0	0
224 Einstn Inst Sci Hlth Crts	119	0	0	0	0	119	0	0	0	0	0	0
225 Boulder Ctr Sci & Policy	115	0	0	0	0	0	0	0	0	115	0	0
226 Buffalo Inst Med Rsch	114	0	0	114	0	0	0	0	0	0	0	0
227 ME Medical Assessment Fdn	114	0	0	0	0	0	0	114	0	0	0	0
228 Space Studies Institute	114	0	0	0	0	0	0	0	0	114	0	0
229 Soc Industrial App M	109	0	0	0	0	45	0	0	0	0	64	0
230 Botanical Rsch Inst TX	108	0	0	0	0	0	0	0	0	0	108	0
Total 1st 230 institutions	1,722,054	6,199	23,049	863,312	6,961	25,487	19,185	631,542	779	56,048	77,424	12,068
231 Hubbs Sea World Rsch Inst	106	0	0	0	0	0	0	0	106	0	0	0
232 Ctr American Archeology	101	0	0	0	0	0	0	0	0	0	101	0
233 Stehlin Fnd for Cancr Res	101	0	0	0	0	0	0	101	0	0	0	0
234 Applied Technology Cncl	100	0	0	0	0	0	0	0	100	0	0	0
235 Bio-Integral Resource Ctr	100	0	0	0	0	0	100	0	0	0	0	0
236 Growth Management Inst	100	0	0	0	0	0	100	0	0	0	0	0
237 HJ Heinz Ctr Sci Econ Env	100	0	0	0	0	0	100	0	0	0	0	0
238 Hampshire Rsch Inst	100	0	0	0	0	0	100	0	0	0	0	0
239 Savannah River Ecol Lab	100	0	0	0	0	100	0	0	0	0	0	0
240 WV Research Corp	100	0	0	0	0	100	0	0	0	0	0	0
Total 1st 240 institutions	1,723,062	6,199	23,049	863,312	6,961	25,687	19,585	631,643	985	56,048	77,525	12,068
241 Torrey Pines Inst Molecir	98	0	0	0	0	0	0	0	0	0	98	0
242 Ctr Hlth Policy Studies	87	0	0	0	0	0	0	87	0	0	0	0
243 Cancer Rsch Center	81	0	0	0	0	0	0	81	0	0	0	0
244 McLaughlin Rsch Inst Bio	75	0	0	0	0	0	0	0	0	0	20	55
245 Am Inst Rsch Pittsburgh	73	0	0	73	0	0	0	0	0	0	0	0
246 U TN Calspn Aero Rsch	70	0	0	0	0	0	0	0	0	70	0	0
247 Ctr Health Studies	64	0	0	0	0	0	0	64	0	0	0	0
248 Am Inst Biological Sci	60	0	0	60	0	0	0	0	0	0	0	0
249 Ctr Max Potential Bdg Sys	60	0	0	0	0	0	60	0	0	0	0	0
250 Farmworker Hlth & Sfty	60	0	0	0	0	0	60	0	0	0	0	0
Total 1st 250 institutions	1,723,790	6,199	23,049	863,445	6,961	25,687	19,705	631,875	985	56,118	77,643	12,123

See explanatory information, if any, and SOURCE at end of table

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
251 Maria Mitchell Observ	60	0	0	0	0	0	0	0	0	0	60	0
252 East West Center	58	0	0	0	0	58	0	0	0	0	0	0
253 Textile Research Inst	55	0	55	0	0	0	0	0	0	0	0	0
254 Emergency Care Rsch Inst	50	0	0	0	0	0	0	50	0	0	0	0
255 Am Inst Aeronautic Astro	45	0	0	0	0	0	0	0	0	45	0	0
256 Public Technology, Inc	45	0	0	0	0	0	45	0	0	0	0	0
257 Point Reyes Bird Observ	42	0	0	0	0	0	0	0	42	0	0	0
258 Public Hlth Rsch Inst	41	0	0	0	0	0	26	15	0	0	0	0
259 Sugar Process Rsch Inst	40	40	0	0	0	0	0	0	0	0	0	0
260 Calvert Institute	36	0	0	0	0	0	0	0	0	36	0	0
Total 1st 260 institutions	1,724,262	6,239	23,104	863,445	6,961	25,745	19,776	631,940	1,027	56,199	77,703	12,123
261 Regenstrief Institute	34	0	0	0	0	0	0	34	0	0	0	0
262 Pacific Biomtrcs Rsch Fdn	32	0	0	0	0	0	0	0	0	32	0	0
263 Soc Developmental Bio	20	0	0	0	0	0	0	0	0	0	20	0
264 Inst Space Observations	11	0	0	0	0	0	0	0	0	0	11	0
265 Michigan Public Hlth Inst	5	0	0	0	0	0	0	5	0	0	0	0
266 MA Pirg Ed Fund	3	0	0	0	0	0	0	0	0	0	0	3
267 Inst of Human Origins	2	0	0	0	0	0	0	0	0	0	2	0
Total 1st 267 institutions	1,724,369	6,239	23,104	863,445	6,961	25,745	19,776	631,979	1,027	56,231	77,736	12,126

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, and Transportation; the Agency for International Development, the General Services Administration, the Nuclear Regulatory Commission, the Office of Justice Programs, and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1996

Table B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	796,959	235	0	25,128	4,741	2,510	293	759,244	0	3,331	1,380	97
1 MA General Hospital	113,314	55	0	4,970	0	593	0	107,376	0	320	0	0
2 Brigham and Womens Hosp	99,783	0	0	876	0	0	243	96,823	0	1,334	507	0
3 Scripps Clinic & Rsch Fdn	92,164	0	0	3,167	0	457	0	88,540	0	0	0	0
4 Dana-Farber Cancer Inst	55,984	0	0	351	0	0	0	55,633	0	0	0	0
5 Child Hosp (Boston, MA)	42,463	0	0	0	425	20	0	41,659	0	35	324	0
6 Beth Israel Deac Med Ctr	34,412	0	0	300	0	0	0	34,021	0	91	0	0
7 Child Hosp Phila	26,309	0	0	0	0	0	0	26,309	0	0	0	0
8 Cleveland Clinic Fdn	25,293	0	0	747	0	0	0	24,390	0	156	0	0
9 New Eng Med Ctr & Hosp	24,322	0	0	300	0	1,100	0	22,922	0	0	0	0
10 St Jude Child Rsch Hosp	23,235	0	0	0	0	0	0	23,235	0	0	0	0
Total 1st 10 institutions	537,279	55	0	10,711	425	2,170	243	520,908	0	1,936	831	0
11 Rush Presbyterian St Luke	22,803	0	0	86	0	0	0	22,509	0	0	208	0
12 Child Hosp Med Ctr Cincin	16,392	0	0	0	0	0	0	16,392	0	0	0	0
13 Montefiore Hosp & Med Ctr	13,099	0	0	950	0	0	0	12,149	0	0	0	0
14 McLean Hospital	12,239	0	0	0	0	0	0	12,239	0	0	0	0
15 New Eng Deaconess Hosp	12,117	0	0	1,073	0	0	0	10,470	0	460	114	0
16 Cedars Sinai Med Ctr	9,135	0	0	810	0	10	0	8,315	0	0	0	0
17 Jewish Hosp of St Louis	8,747	0	0	0	0	0	0	8,747	0	0	0	0
18 Child Hosp Los Angeles	8,649	0	0	945	0	0	0	7,704	0	0	0	0
19 MA Eye & Ear Infirmary	8,649	0	0	120	0	0	0	8,529	0	0	0	0
20 Boston Medical Center	8,541	0	0	0	0	0	0	8,541	0	0	0	0
Total 1st 20 institutions	657,650	55	0	14,695	425	2,180	243	636,503	0	2,396	1,153	0
21 Child Hosp Pittsburgh	8,278	0	0	851	0	0	0	7,427	0	0	0	0
22 J Hopkins Bayview Med Ctr	7,750	0	0	0	0	0	0	7,750	0	0	0	0
23 Rhode Island Hospital	6,783	0	0	0	0	0	0	6,773	0	0	10	0
24 Long Island Jew Hillside	6,581	0	0	407	0	0	0	6,174	0	0	0	0
25 Child Hosp Med Ctr Seat	6,331	0	0	983	0	0	0	5,348	0	0	0	0
26 Magee Womens Hosp	5,768	0	0	1,003	0	0	0	4,765	0	0	0	0
27 Providence Med Ctr Prtlnd	5,129	0	0	4,309	0	0	0	820	0	0	0	0
28 North Shore U Hospital	4,809	0	0	0	0	0	0	4,809	0	0	0	0
29 Miriam Hospital	4,298	0	0	0	0	0	0	4,072	0	226	0	0
30 Hosp for Special Surgery	3,844	0	0	0	0	0	0	3,844	0	0	0	0
Total 1st 30 institutions	717,221	55	0	22,248	425	2,180	243	688,285	0	2,622	1,163	0
31 Good Sam Hosp & Med	3,682	0	0	0	0	0	0	3,499	0	183	0	0
32 Beth Israel Medical Ctr	3,674	0	0	0	0	0	0	3,674	0	0	0	0
33 St Eliz Hosp Boston MA	3,609	0	0	0	0	0	0	3,609	0	0	0	0
34 Hebrew Rehab Center	3,560	0	0	0	0	0	0	3,560	0	0	0	0
35 Am Cancer Rsch Ctr & Hosp	3,337	0	0	0	0	0	0	3,337	0	0	0	0
36 Child Hosp Columbus	2,973	0	0	0	0	0	0	2,808	0	165	0	0
37 Child Hosp&Med Ctr N CA	2,755	0	0	0	0	0	0	2,755	0	0	0	0
38 St Josephs Hosp & Med Ctr	2,625	0	0	0	0	0	0	2,526	0	0	99	0
39 Inst Rehab & Rsch	2,472	0	0	0	2,472	0	0	0	0	0	0	0
40 Child Hosp & Health Ctr	2,333	0	0	0	0	0	0	2,333	0	0	0	0
Total 1st 40 institutions	748,241	55	0	22,248	2,897	2,180	243	716,386	0	2,970	1,262	0
41 Mt Sinai Hosp New York	2,201	0	0	1,366	0	0	0	835	0	0	0	0
42 Philadelphia Geriatrc Ctr	2,115	0	0	0	0	0	0	2,115	0	0	0	0
43 Hosp Joint Disease Ortho	2,084	0	0	0	0	0	0	2,005	0	0	79	0
44 Roger Williams Gen Hosp	1,735	0	0	0	0	0	0	1,735	0	0	0	0
45 Albert Einstein Med Ctr	1,699	0	0	1,004	0	0	0	695	0	0	0	0
46 St Lukes Roosevlt Hosp C	1,505	0	0	0	0	0	0	1,505	0	0	0	0
47 Mt Sinai Hosp Med Ctr FL	1,483	0	0	0	0	0	0	1,483	0	0	0	0
48 Women & Infants Hosp	1,378	0	0	0	0	0	0	1,378	0	0	0	0
49 Butler Hospital	1,260	0	0	0	0	0	0	1,260	0	0	0	0
50 St Francis Med Ctr	1,197	0	0	0	0	0	0	1,197	0	0	0	0
Total 1st 50 institutions	764,898	55	0	24,618	2,897	2,180	243	730,594	0	2,970	1,341	0

See explanatory information, if any, and SOURCE at end of table.

Table B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 William Beaumont Hospital	1,171	0	0	0	0	0	0	1,171	0	0	0	0
52 Graduate Hospital	1,092	0	0	0	0	0	0	1,092	0	0	0	0
53 Moss Rehabilitation Hosp	1,031	0	0	0	0	0	0	1,031	0	0	0	0
54 Memorial Hosp Pawtucket	997	0	0	0	0	0	0	997	0	0	0	0
55 Rehabilitation Inst MI	940	0	0	0	498	0	0	442	0	0	0	0
56 Presbyterian Hosp in NY	885	0	0	0	0	0	0	885	0	0	0	0
57 Evanston Hospital	834	0	0	0	0	0	0	834	0	0	0	0
58 Burke Rehabilitation Ctr	792	0	0	0	0	0	0	792	0	0	0	0
59 Mary Imogene Basset Hosp	774	0	0	0	0	0	0	774	0	0	0	0
60 Cath Med Brklyn Queens	773	0	0	0	0	0	0	773	0	0	0	0
Total 1st 60 institutions	774,187	55	0	24,618	3,395	2,180	243	739,385	0	2,970	1,341	0
61 Swedish Hospital Med Ctr	734	0	0	0	0	0	0	734	0	0	0	0
62 Latter Day Saints Hosp	695	0	0	0	0	0	0	656	0	39	0	0
63 Medical Center Delaware	687	0	0	0	0	0	0	687	0	0	0	0
64 Child Hosp (Nw Orlns LA)	656	0	0	0	0	0	0	656	0	0	0	0
65 St Francis Hosp & Med Ctr	603	0	0	0	0	0	0	603	0	0	0	0
66 Craig Hospital	600	0	0	0	600	0	0	0	0	0	0	0
67 St Francis Hosp (Wcht KS)	568	0	0	0	0	0	0	568	0	0	0	0
68 City of Hope Medical Ctr	500	0	0	500	0	0	0	0	0	0	0	0
69 Penrose Hospital	495	0	0	0	0	0	0	495	0	0	0	0
70 Maimonides Medical Center	482	0	0	0	0	0	0	482	0	0	0	0
Total 1st 70 institutions	780,207	55	0	25,118	3,995	2,180	243	744,266	0	3,009	1,341	0
71 Sinai Hospital Baltimore	449	0	0	0	0	0	0	449	0	0	0	0
72 Allegheny General Hosp	419	0	0	0	0	0	0	419	0	0	0	0
73 Kessler Inst for Rehab	373	0	0	0	373	0	0	0	0	0	0	0
74 Shepard Spinal Center	373	0	0	0	373	0	0	0	0	0	0	0
75 Lankenau Hospital	362	0	0	0	0	0	0	362	0	0	0	0
76 St Marys Hosp (Gd Jct CO)	330	0	0	0	0	330	0	0	0	0	0	0
77 Butterworth Hospital	325	0	0	0	0	0	0	325	0	0	0	0
78 Hackensack Hospital	311	0	0	0	0	0	0	311	0	0	0	0
79 Wills Eye Hospital	311	0	0	0	0	0	0	311	0	0	0	0
80 Childrens Mercy Hosp	310	0	0	0	0	0	0	310	0	0	0	0
Total 1st 80 institutions	783,770	55	0	25,118	4,741	2,510	243	746,753	0	3,009	1,341	0
81 Bapt Med Ctr (KS Cty MO)	290	0	0	0	0	0	0	290	0	0	0	0
82 Miami Valley Hospital	263	0	0	0	0	0	0	263	0	0	0	0
83 Summit Medical Center	257	0	0	0	0	0	0	257	0	0	0	0
84 Hospital Good Samaritan	244	0	0	0	0	0	0	244	0	0	0	0
85 Highland Hosp Rochester	236	0	0	0	0	0	0	236	0	0	0	0
86 Inter Faith Medical Ctr	236	0	0	0	0	0	0	236	0	0	0	0
87 St Lukes Hosp (KS Cty MO)	229	0	0	0	0	0	0	229	0	0	0	0
88 St Josephs Hosp (Atln GA)	222	0	0	0	0	0	0	222	0	0	0	0
89 Winthrop U Hospital	222	0	0	0	0	0	0	222	0	0	0	0
90 St Johns Mercy Med Ctr	216	0	0	0	0	0	0	216	0	0	0	0
Total 1st 90 institutions	786,185	55	0	25,118	4,741	2,510	243	749,168	0	3,009	1,341	0
91 Bay State Medical Center	204	0	0	0	0	0	0	204	0	0	0	0
92 Kettering Medical Center	201	0	0	0	0	0	0	201	0	0	0	0
93 Methdst Med Ctr-Peoria IL	194	0	0	0	0	0	0	194	0	0	0	0
94 Good Samaritan Med Ctr	182	0	0	0	0	0	0	182	0	0	0	0
95 Geisinger Medical Center	180	180	0	0	0	0	0	0	0	0	0	0
96 Kaiser Foundation Hosp	175	0	0	0	0	0	0	175	0	0	0	0
97 Ingalls Mem Hospital	174	0	0	0	0	0	0	174	0	0	0	0
98 Child Hosp (Denver CO)	169	0	0	0	0	0	0	169	0	0	0	0
99 St Johns Reg Hlth Ctr	169	0	0	0	0	0	0	169	0	0	0	0
100 Maine Medical Center	160	0	0	0	0	0	0	160	0	0	0	0
Total 1st 100 institutions	787,993	235	0	25,118	4,741	2,510	243	750,796	0	3,009	1,341	0

See explanatory information, if any, and SOURCE at end of table.

Table B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 Mercy Hosp (Scranton PA)	157	0	0	0	0	0	0	157	0	0	0	0
102 Rutland Regional Med Ctr	151	0	0	0	0	0	0	151	0	0	0	0
103 Touro Research Institute	150	0	0	0	0	0	0	150	0	0	0	0
104 MT Hosp Rsch & Ed Fdn	141	0	0	0	0	0	0	141	0	0	0	0
105 Mercy Hosp of Pittsburgh	139	0	0	0	0	0	0	139	0	0	0	0
106 Bronx Lebanon Hosp Ctr	133	0	0	0	0	0	0	133	0	0	0	0
107 Sinai Samaritan Med Ctr	109	0	0	0	0	0	0	38	0	71	0	0
108 A I DuPont Inst Nemours	105	0	0	0	0	0	0	0	0	105	0	0
109 Mt Sinai Hosp Cleveland	101	0	0	0	0	0	0	101	0	0	0	0
110 Children s Health Care	97	0	0	0	0	0	0	0	0	0	0	97
Total 1st 110 institutions	789,276	235	0	25,118	4,741	2,510	243	751,806	0	3,185	1,341	97
111 Clara Barton Hospital	72	0	0	0	0	0	0	72	0	0	0	0
112 Scott and White Mem Hosp	72	0	0	0	0	0	0	72	0	0	0	0
113 Hartford Hospital	71	0	0	0	0	0	0	71	0	0	0	0
114 Methodist Hosp Indnpol IN	67	0	0	0	0	0	0	67	0	0	0	0
115 Alice Hyde Hospital Assoc	50	0	0	0	0	0	0	50	0	0	0	0
116 Alleghaney Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
117 Ashe Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
118 Ashley Medical Ctr	50	0	0	0	0	0	0	50	0	0	0	0
119 Baptist Med Ctr Arkadelph	50	0	0	0	0	0	0	50	0	0	0	0
120 Baptist Rgn Hlth Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 120 institutions	789,858	235	0	25,118	4,741	2,510	243	752,388	0	3,185	1,341	97
121 Bay Area Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
122 Bell Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
123 Broadus Hospital	50	0	0	0	0	0	0	50	0	0	0	0
124 Brodstone Mem Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
125 Calhoun Liberty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
126 Carmi Township Hospital	50	0	0	0	0	0	0	50	0	0	0	0
127 Carolinas Medical Ctr	50	0	0	0	0	0	0	0	0	50	0	0
128 Castaner General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
129 Central Valley Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
130 Charles A Dean Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 130 institutions	790,358	235	0	25,118	4,741	2,510	243	752,838	0	3,235	1,341	97
131 Charlevoix Hospital	50	0	0	0	0	0	0	50	0	0	0	0
132 Cheyenne County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
133 Chowan Hospital	50	0	0	0	0	0	0	50	0	0	0	0
134 Clark Fork Valley Hosp	50	0	0	0	0	0	0	50	0	0	0	0
135 Cmty Hosp (McCook NE)	50	0	0	0	0	0	0	50	0	0	0	0
136 Cmty Mem Hosp Oconto Fls	50	0	0	0	0	0	0	50	0	0	0	0
137 Cmty Mem Hosp Winona	50	0	0	0	0	0	0	50	0	0	0	0
138 Colorado Fayette Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
139 Columbus Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
140 Community Home Health	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 140 institutions	790,858	235	0	25,118	4,741	2,510	243	753,338	0	3,235	1,341	97
141 Copley Hospital	50	0	0	0	0	0	0	50	0	0	0	0
142 Coteau Des Prairies Hosp	50	0	0	0	0	0	0	50	0	0	0	0
143 Crawley Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
144 Cumberland Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
145 Custer Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
146 Davis Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
147 Delta Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
148 Doctor's Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
149 Door Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
150 Dorchester General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 150 institutions	791,358	235	0	25,118	4,741	2,510	243	753,838	0	3,235	1,341	97

See explanatory information, if any, and SOURCE at end of table.

Table B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
151 Down East Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
152 Family Health West	50	0	0	0	0	0	0	50	0	0	0	0
153 Fayette Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
154 Five Counties Hosp	50	0	0	0	0	0	0	50	0	0	0	0
155 Frio Hospital	50	0	0	0	0	0	0	50	0	0	0	0
156 Garrett Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
157 George County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
158 Gerber Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
159 Gibson General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
160 Gifford Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 160 institutions	791,858	235	0	25,118	4,741	2,510	243	754,338	0	3,235	1,341	97
161 Grace Cottage Hosp	50	0	0	0	0	0	0	50	0	0	0	0
162 Grand View Hospital	50	0	0	0	0	0	0	50	0	0	0	0
163 Grande Ronde Hospital	50	0	0	0	0	0	0	50	0	0	0	0
164 Grant Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
165 Great Plains Rgn Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
166 Gritman Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
167 Hans P Peterson Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
168 Henderson Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
169 Hill Country Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
170 Hood River Mem Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 170 institutions	792,358	235	0	25,118	4,741	2,510	243	754,838	0	3,235	1,341	97
171 Horn Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
172 Inova Health System	50	0	0	0	0	0	0	0	0	50	0	0
173 Ira Davenport Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
174 Iroquois Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
175 Jacobson Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
176 Jennings Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
177 John & Mary Kirby Hosp	50	0	0	0	0	0	0	50	0	0	0	0
178 Keweenaw Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
179 Kingfisher Rgn Hospital	50	0	0	0	0	0	0	50	0	0	0	0
180 Kittson Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 180 institutions	792,858	235	0	25,118	4,741	2,510	243	755,288	0	3,285	1,341	97
181 L Jungman Mem Hospital	50	0	0	0	0	0	0	50	0	0	0	0
182 Lake Area Hospital	50	0	0	0	0	0	0	50	0	0	0	0
183 Littleton Hospital	50	0	0	0	0	0	0	50	0	0	0	0
184 Maine Coast Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
185 Marcus Daly Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
186 Marion County Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
187 Mark Twain St Joseph Hosp	50	0	0	0	0	0	0	50	0	0	0	0
188 Marshall Browning Hosp	50	0	0	0	0	0	0	50	0	0	0	0
189 Mary Hurley Hospital	50	0	0	0	0	0	0	50	0	0	0	0
190 Marymount Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 190 institutions	793,358	235	0	25,118	4,741	2,510	243	755,788	0	3,285	1,341	97
191 Mem Hosp (Manchester, KY)	50	0	0	0	0	0	0	50	0	0	0	0
192 Mem Hosp Inc (Towanda)	50	0	0	0	0	0	0	50	0	0	0	0
193 Munising Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
194 N W Medical Ctr	50	0	0	0	0	0	0	50	0	0	0	0
195 NW Florida Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
196 Navapache Hospital	50	0	0	0	0	0	0	50	0	0	0	0
197 Northern Hills Gen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
198 Northwoods Hospital	50	0	0	0	0	0	0	50	0	0	0	0
199 Norton Community Hospital	50	0	0	0	0	0	0	50	0	0	0	0
200 Nrthmptn-Accmk Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 200 institutions	793,858	235	0	25,118	4,741	2,510	243	756,288	0	3,285	1,341	97

See explanatory information, if any, and SOURCE at end of table.

Table B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
201 Oconto Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
202 Our Lady of the Way Hosp	50	0	0	0	0	0	0	50	0	0	0	0
203 Page Hospital	50	0	0	0	0	0	0	50	0	0	0	0
204 Parkview Reg Hosp	50	0	0	0	0	0	0	50	0	0	0	0
205 Perry Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
206 Pointe Coupee Gen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
207 Portage View Hospital	50	0	0	0	0	0	0	50	0	0	0	0
208 Prairie Lks Hlth Care Sys	50	0	0	0	0	0	0	50	0	0	0	0
209 Richardton Hlth Ctr Inc	50	0	0	0	0	0	0	50	0	0	0	0
210 Riverwood Hlth Care Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 210 institutions	794,358	235	0	25,118	4,741	2,510	243	756,788	0	3,285	1,341	97
211 Roosvlt Mem Hosp&Nrsg	50	0	0	0	0	0	0	50	0	0	0	0
212 Sabetha Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
213 Sacred Heart Hospital	50	0	0	0	0	0	0	50	0	0	0	0
214 Sauk Prairie Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
215 Scotland Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
216 Socorro General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
217 Soldiers Sailors Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
218 Sonora Community Hospital	50	0	0	0	0	0	0	50	0	0	0	0
219 South Cameron Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
220 South Peninsula Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 220 institutions	794,858	235	0	25,118	4,741	2,510	243	757,288	0	3,285	1,341	97
221 Southside Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
222 St Bernards Hosp Corp	50	0	0	0	0	0	0	50	0	0	0	0
223 St Elizabeth Hospital	50	0	0	0	0	0	0	50	0	0	0	0
224 St Gabriels Hospital	50	0	0	0	0	0	0	50	0	0	0	0
225 St Josephs Hosp Dickinson	50	0	0	0	0	0	0	50	0	0	0	0
226 St Vincents Gen Hosp CO	50	0	0	0	0	0	0	50	0	0	0	0
227 Stuttgart Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
228 Tawas St Joseph Hosp	50	0	0	0	0	0	0	50	0	0	0	0
229 Teton Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
230 Tri State Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 230 institutions	795,358	235	0	25,118	4,741	2,510	243	757,788	0	3,285	1,341	97
231 Troy Community Hospital	50	0	0	0	0	0	0	50	0	0	0	0
232 Twin Lakes Reg Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
233 Upper Court Valley Hosp	50	0	0	0	0	0	0	50	0	0	0	0
234 Valley Regional Hospital	50	0	0	0	0	0	0	50	0	0	0	0
235 Van Buren Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
236 Van Wert County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
237 W River Reg Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
238 Waseca Area Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
239 Watonwan Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
240 White Mountain Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 240 institutions	795,858	235	0	25,118	4,741	2,510	243	758,288	0	3,285	1,341	97
241 Wilcox Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
242 Wirth Osteopathic Hosp	50	0	0	0	0	0	0	50	0	0	0	0
243 Wishek Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
244 Yakima Vly Frmwrkrs Clnc	50	0	0	0	0	0	50	0	0	0	0	0
245 Yoakum Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
246 Cmty Memorial Hosp Sidney	49	0	0	0	0	0	0	49	0	0	0	0
247 Mercy Hospital Williston	49	0	0	0	0	0	0	49	0	0	0	0
248 Shadyside Hospital	49	0	0	10	0	0	0	0	0	0	39	0
249 St Johns Lutheran Hosp	49	0	0	0	0	0	0	49	0	0	0	0
250 Sinai Hospital Detroit	48	0	0	0	0	0	0	48	0	0	0	0
Total 1st 250 institutions	796,352	235	0	25,128	4,741	2,510	293	758,683	0	3,285	1,380	97

See explanatory information, if any, and SOURCE at end of table.

Table B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
251 NY Soc Relf Ruptrd&Cripld	46	0	0	0	0	0	0	0	0	46	0	0
252 Madison Hospital	45	0	0	0	0	0	0	45	0	0	0	0
253 Tyler Health Center	45	0	0	0	0	0	0	45	0	0	0	0
254 St Michaels Hospital	43	0	0	0	0	0	0	43	0	0	0	0
255 Gordon Hospital	37	0	0	0	0	0	0	37	0	0	0	0
256 Hays Medical Center	34	0	0	0	0	0	0	34	0	0	0	0
257 Genesee Hospital	33	0	0	0	0	0	0	33	0	0	0	0
258 Medina Memorial Hospital	33	0	0	0	0	0	0	33	0	0	0	0
259 Campbell Co Hosp Dist	28	0	0	0	0	0	0	28	0	0	0	0
260 St Benedict Hospital	25	0	0	0	0	0	0	25	0	0	0	0
Total 1st 260 institutions	796,721	235	0	25,128	4,741	2,510	293	759,006	0	3,331	1,380	97
261 Mobridge Rgn Hospital	24	0	0	0	0	0	0	24	0	0	0	0
262 Cambridge Memorial Hosp	20	0	0	0	0	0	0	20	0	0	0	0
263 Phelps Mem Hlth Ctr	20	0	0	0	0	0	0	20	0	0	0	0
264 Davis County Hospital	18	0	0	0	0	0	0	18	0	0	0	0
265 Manning General Hospital	18	0	0	0	0	0	0	18	0	0	0	0
266 St Anthony Regional Hosp	18	0	0	0	0	0	0	18	0	0	0	0
267 St Joseph Cmty Hosp	18	0	0	0	0	0	0	18	0	0	0	0
268 Antelope Memorial Hosp	16	0	0	0	0	0	0	16	0	0	0	0
269 Lundberg Memorial Hosp	16	0	0	0	0	0	0	16	0	0	0	0
270 Eureka Springs Hospital	10	0	0	0	0	0	0	10	0	0	0	0
Total 1st 270 institutions	796,899	235	0	25,128	4,741	2,510	293	759,184	0	3,331	1,380	97
271 Bridgeport Hospital	9	0	0	0	0	0	0	9	0	0	0	0
272 Cherry County Hosp	8	0	0	0	0	0	0	8	0	0	0	0
273 Niobrara Valley Hosp	8	0	0	0	0	0	0	8	0	0	0	0
274 Osmond General Hosp	8	0	0	0	0	0	0	8	0	0	0	0
275 St Anthnys Hosp (O'Neill)	8	0	0	0	0	0	0	8	0	0	0	0
276 Tilden Community Hospital	8	0	0	0	0	0	0	8	0	0	0	0
277 W Holt Memorial Hospital	8	0	0	0	0	0	0	8	0	0	0	0
278 Speare Mem Hosp Assoc	3	0	0	0	0	0	0	3	0	0	0	0
Total 1st 278 institutions	796,959	235	0	25,128	4,741	2,510	293	759,244	0	3,331	1,380	97

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, and Transportation; the Agency for International Development, the General Services Administration, the Nuclear Regulatory Commission, the Office of Justice Programs, and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	591,525	9,657	27,205	110,974	22,972	25,929	85,837	86,134	3,252	119,501	79,412	20,652
1 Natl Academy of Sciences	66,822	0	15	17,849	0	5,095	4,767	3,092	256	18,671	10,927	6,150
2 Assc U Rsch & Astronomy	55,489	0	0	68	0	0	0	0	0	55,421	0	0
3 Universities Space Rsch	30,062	0	0	932	0	0	0	0	0	28,965	165	0
4 SC Research Authority	27,762	0	6,799	19,874	0	1,089	0	0	0	0	0	0
5 Natl Marrow Donor Program	19,000	0	0	19,000	0	0	0	0	0	0	0	0
6 Educational Testing Srvc	18,439	0	0	0	18,439	0	0	0	0	0	0	0
7 Natl Jewish Med Rsch Ctr	18,008	0	0	0	0	0	0	18,008	0	0	0	0
8 Am Assc Retired Persons	16,535	0	0	0	0	0	16,275	260	0	0	0	0
9 Focus Hope	12,862	0	0	12,862	0	0	0	0	0	0	0	0
10 Cleveland Adv Manu Prg	12,502	0	0	12,502	0	0	0	0	0	0	0	0
Total 1st 10 institutions	277,481	0	6,814	83,087	18,439	6,184	21,042	21,360	256	103,057	11,092	6,150
11 Joslin Diabetes Fdn Inc	8,946	0	0	0	0	0	0	8,946	0	0	0	0
12 Jay David Gladstone Fdn	8,936	0	0	0	0	0	0	8,936	0	0	0	0
13 Am Assc Advancment Sci	8,179	0	0	0	0	182	382	50	0	33	7,532	0
14 WV High Tech Cnsrtm	7,851	0	5,850	501	0	0	0	0	0	1,500	0	0
15 Am Col of Radiology	7,746	0	0	0	0	0	0	7,746	0	0	0	0
16 Carnegie Inst Washington	6,840	197	0	83	0	968	0	1,996	0	331	3,265	0
17 Natl Sr Ctzns Ed & Rsch	6,791	0	0	0	0	0	6,791	0	0	0	0	0
18 Natl Caucus Ctr Black Age	6,470	0	0	0	0	0	6,470	0	0	0	0	0
19 Missouri Botanical Garden	5,424	3,881	0	0	0	0	0	108	15	0	1,420	0
20 Intl Standards Initiative	5,025	0	0	5,000	0	0	25	0	0	0	0	0
Total 1st 20 institutions	349,689	4,078	12,664	88,671	18,439	7,334	34,710	49,142	271	104,921	23,309	6,150
21 Cullen Eng Rsch Fdn	4,971	0	4,971	0	0	0	0	0	0	0	0	0
22 Western Cnsrtm Public Hlth	4,948	0	0	0	0	0	0	4,948	0	0	0	0
23 Am Soc Engineering Ed	4,843	0	0	4,585	0	100	0	0	0	0	158	0
24 SE Ctr Elec Eng Ed	4,601	0	0	4,601	0	0	0	0	0	0	0	0
25 John B Pierce Fdn of CT	4,595	0	0	1,133	0	0	0	3,370	0	92	0	0
26 Am Wtr Wrks Assn Rsch Fdn	4,218	0	0	0	0	0	4,035	0	183	0	0	0
27 Harbor Branch Ocean Inst	4,103	0	0	1,454	0	0	0	0	0	0	2,649	0
28 Inc Rsch Insts Seismology	3,844	0	0	0	0	210	0	0	0	0	3,634	0
29 Blood Ctr of Southeast WI	3,801	0	0	0	0	0	0	3,801	0	0	0	0
30 Population Council	3,348	0	0	0	0	0	0	3,348	0	0	0	0
Total 1st 30 institutions	392,961	4,078	17,635	100,444	18,439	7,644	38,745	64,609	454	105,013	29,750	6,150
31 Natl Sci Teachers Assc	3,167	0	0	0	0	0	70	0	0	1,583	1,514	0
32 Am Type Culture Col	3,031	0	0	0	0	0	50	2,124	0	0	857	0
33 Koop Foundation, The	2,997	0	2,997	0	0	0	0	0	0	0	0	0
34 Edison Industrial Sys Ctr	2,962	0	2,962	0	0	0	0	0	0	0	0	0
35 Environmental Careers Org	2,620	0	0	0	0	0	0	0	2,620	0	0	0
36 Natl Safety Council	2,499	0	0	0	0	0	2,499	0	0	0	0	0
37 NY Botan Gard Inst Ecosys	2,479	528	0	0	0	0	0	0	0	0	1,951	0
38 Exploratorium	2,412	0	0	0	0	0	0	0	0	0	2,412	0
39 Assoc Western U Inc	2,386	0	0	0	0	2,386	0	0	0	0	0	0
40 Field Museum Natural Hist	2,376	10	0	0	0	0	0	50	0	0	2,316	0
Total 1st 40 institutions	419,890	4,616	23,594	100,444	18,439	10,030	41,364	66,783	3,074	106,596	38,800	6,150
41 Qualty Ed for Minor Netwk	2,352	0	0	0	0	0	0	0	0	1,965	387	0
42 Inst Sustainable Cmnts	2,305	0	0	0	0	0	2,305	0	0	0	0	0
43 Natl Council on Aging	2,239	0	0	0	125	0	2,023	91	0	0	0	0
44 Am National Red Cross	2,203	0	0	1,400	0	0	0	803	0	0	0	0
45 Natl Asian Pac Ctr Aging	2,126	0	0	0	0	0	2,126	0	0	0	0	0
46 Civil Eng Research Fdn	2,100	0	245	0	0	0	1,840	0	0	0	10	5
47 US Cvln R&D Fdn Indep Sts	2,046	0	0	0	0	0	0	0	0	0	2,046	0
48 Natl Ctr Genome Resources	2,034	0	0	0	0	2,034	0	0	0	0	0	0
49 NY Botanical Garden NY	2,031	1,615	0	0	0	0	0	0	0	0	416	0
50 American Iron Steel Inst	1,976	0	0	150	0	1,826	0	0	0	0	0	0
Total 1st 50 institutions	441,302	6,231	23,839	101,994	18,564	13,890	49,658	67,677	3,074	108,561	41,659	6,155

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 Emma Pendleton Bradley	1,900	0	0	0	0	0	0	1,900	0	0	0	0
52 Am Museum of Natl Hist	1,879	0	0	0	0	69	0	0	0	251	1,559	0
53 Am Dental Assc for Hlth	1,849	0	0	0	0	0	0	1,849	0	0	0	0
54 Assc American Railroads	1,800	0	0	0	0	0	0	0	0	0	0	1,800
55 US Env Training Inst	1,746	0	0	0	0	0	1,746	0	0	0	0	0
56 Advertising Council	1,745	0	0	743	0	0	1,002	0	0	0	0	0
57 Electric Power Research	1,711	0	0	0	0	1,311	0	0	0	0	0	400
58 ME Sci & Tech Fdn	1,650	0	0	0	0	0	0	0	0	206	1,444	0
59 Chabot Obsrvtry & Sci Ctr	1,613	0	0	1,375	0	0	0	0	0	0	238	0
60 Ctr Tech Commercializatn	1,600	0	0	0	0	0	0	0	0	1,600	0	0
Total 1st 60 institutions	458,795	6,231	23,839	104,112	18,564	15,270	52,406	71,426	3,074	110,618	44,900	8,355
61 Urban Energy & Trans Ctr	1,600	0	0	0	0	1,600	0	0	0	0	0	0
62 NSF International	1,590	0	0	0	0	0	1,590	0	0	0	0	0
63 Atlanta Paralympic Org	1,500	0	0	0	0	0	0	0	0	0	0	1,500
64 Local Env Initiatives	1,463	0	0	0	0	0	1,463	0	0	0	0	0
65 Mercy Foundation	1,451	0	0	0	0	0	0	1,451	0	0	0	0
66 Intl Inst Energy Csrvtn	1,445	0	0	0	0	0	1,445	0	0	0	0	0
67 University Rsch Fdn	1,443	0	0	1,161	0	0	0	0	0	282	0	0
68 CTRC Research Fdn	1,432	0	0	1,432	0	0	0	0	0	0	0	0
69 Doheny Eye Institute	1,400	0	0	0	0	0	0	1,400	0	0	0	0
70 Am Meteorological Soc	1,341	0	0	30	0	0	0	0	0	0	1,311	0
Total 1st 70 institutions	473,460	6,231	23,839	106,735	18,564	16,870	56,904	74,277	3,074	110,900	46,211	9,855
71 Natl Cncl Crime & Delnqcy	1,336	0	0	0	0	0	0	250	0	0	0	1,086
72 Natl Assc of Counties	1,321	0	0	0	0	100	1,221	0	0	0	0	0
73 Intl City Mgt Assc	1,301	0	0	0	0	0	1,301	0	0	0	0	0
74 Spring & Groundwater Inst	1,275	1,275	0	0	0	0	0	0	0	0	0	0
75 Merit Network, Inc	1,234	0	0	0	0	0	0	0	0	0	1,234	0
76 CA Museum Foundation	1,163	0	0	0	0	0	0	0	0	0	1,163	0
77 Natl Assc Home Builders	1,083	0	0	0	0	0	488	0	0	0	0	595
78 Natl Assc Equal Oppor Ed	1,080	0	0	0	0	0	0	0	0	1,080	0	0
79 Environmental Law Inst	1,068	0	0	0	0	0	1,068	0	0	0	0	0
80 Chicago Acad of Sci	1,064	0	0	0	91	0	0	0	0	168	805	0
Total 1st 80 institutions	485,385	7,506	23,839	106,735	18,655	16,970	60,982	74,527	3,074	112,148	49,413	11,536
81 Am Educational Rsch Assc	1,060	0	0	0	0	0	0	0	0	0	1,060	0
82 American Geophysicl Union	1,057	5	0	0	0	0	0	0	0	15	1,037	0
83 Natl Acad Public Admin	1,029	0	0	0	0	0	609	0	0	420	0	0
84 Conf Radiatn Cntrl Drctrs	1,022	0	0	0	0	0	353	669	0	0	0	0
85 Fdn for Advance Sci & Ed	1,015	0	0	0	0	100	0	0	0	0	900	15
86 Natl Cncl Juv Fam Crt Jdg	1,011	0	0	0	0	0	0	0	0	0	0	1,011
87 Natl Brd Prof Tchng Stnds	1,001	0	0	0	0	0	0	0	0	0	1,001	0
88 Mississippi Resource Dev	1,000	0	0	1,000	0	0	0	0	0	0	0	0
89 Bernice P Bishop Museum	997	0	0	0	0	0	0	0	0	0	997	0
90 US Export Cncl Renew Engy	972	0	0	0	0	972	0	0	0	0	0	0
Total 1st 90 institutions	495,549	7,511	23,839	107,735	18,655	18,042	61,944	75,196	3,074	112,583	54,408	12,562
91 Hawaii Sugar Planters	964	847	0	0	0	0	0	0	0	0	117	0
92 L A City Mus Natr Hist	956	0	0	0	0	0	0	0	0	0	956	0
93 Am Astronomical Society	934	0	0	0	0	0	0	0	0	75	859	0
94 Alliance to Save Energy	911	0	0	0	0	400	511	0	0	0	0	0
95 United Cerebral Palsy	899	0	0	0	899	0	0	0	0	0	0	0
96 World Inst Disabil Rsch	894	0	0	0	894	0	0	0	0	0	0	0
97 Natl Ctr Res Innovations	893	893	0	0	0	0	0	0	0	0	0	0
98 Acad Natural Sci Phila	884	0	0	0	0	0	0	0	0	0	884	0
99 CO Ctr Environmental Mgmt	878	0	0	0	0	878	0	0	0	0	0	0
100 American Chemical Society	842	1	0	0	0	271	50	0	0	0	520	0
Total 1st 100 institutions	504,604	9,252	23,839	107,735	20,448	19,591	62,505	75,196	3,074	112,658	57,744	12,562

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 St Terr Air Pltn Prgm Adm	817	0	0	0	0	0	817	0	0	0	0	0
102 KCTS Television	802	0	0	0	0	0	0	0	0	0	802	0
103 New England Aquarium Corp	797	0	0	0	0	0	0	0	0	0	797	0
104 Am Statistical Assc	780	30	0	0	0	0	0	0	0	0	750	0
105 Am Assc Physics Teachers	769	0	0	0	0	0	0	0	0	0	769	0
106 Soc Automotive Engineers	761	0	0	0	0	0	0	0	0	0	636	125
107 Natl Assc Agencies Aging	750	0	0	0	0	0	0	750	0	0	0	0
108 Alton Ochsner Med Fdn	743	0	0	0	0	0	0	743	0	0	0	0
109 World Resources Institute	738	0	0	0	0	0	738	0	0	0	0	0
110 MA Fdn Exclnc Marine Poly	725	0	0	0	0	0	725	0	0	0	0	0
Total 1st 110 institutions	512,286	9,282	23,839	107,735	20,448	19,591	64,785	76,689	3,074	112,658	61,498	12,687
111 American Lung Assoc	700	0	0	0	0	0	700	0	0	0	0	0
112 Math Assc of America	670	0	0	125	0	0	0	0	0	0	545	0
113 Natl Conf State Bldg Code	665	0	625	0	0	0	40	0	0	0	0	0
114 Am Soc Civil Engineers	660	0	70	0	0	0	535	0	10	0	40	5
115 National Governors Assc	656	0	0	0	0	0	594	0	0	0	0	62
116 Natl Ctr Appropriate Tech	649	0	0	0	0	413	236	0	0	0	0	0
117 Natl Auto Tech Ed Fdn Inc	645	0	0	0	0	625	20	0	0	0	0	0
118 Societal Inst of Math Sci	640	0	0	0	0	0	0	640	0	0	0	0
119 American Tech Initiative	636	0	0	0	0	0	0	0	0	636	0	0
120 Lexington Center, Inc	625	0	0	0	625	0	0	0	0	0	0	0
Total 1st 120 institutions	518,832	9,282	24,534	107,860	21,073	20,629	66,910	77,329	3,084	113,294	62,083	12,754
121 US Conf Mayors Rsch & Ed	625	0	0	0	0	0	625	0	0	0	0	0
122 American Bar Association	611	0	0	0	0	0	0	0	0	0	0	611
123 Appalachian Col Assoc	600	0	600	0	0	0	0	0	0	0	0	0
124 Women Work! Natl Ntwk	591	0	0	0	0	0	0	0	0	0	0	591
125 Environmentl Defense Fund	585	0	0	0	0	0	585	0	0	0	0	0
126 WHYY Channel 12	576	0	0	0	0	0	0	0	0	0	576	0
127 Transcen, Inc	575	0	0	0	575	0	0	0	0	0	0	0
128 Computer Museum	572	0	0	0	0	0	0	0	0	0	572	0
129 Am Inst Chemical Eng	550	0	0	0	0	400	125	0	0	0	25	0
130 Assoc of Am Cols & Univs	550	0	0	0	0	0	0	269	0	0	281	0
Total 1st 130 institutions	524,667	9,282	25,134	107,860	21,648	21,029	68,245	77,598	3,084	113,294	63,537	13,956
131 Green Mt Inst Env Democrcy	538	0	0	0	0	0	538	0	0	0	0	0
132 Cncl Chief St Schl Offcrs	537	0	0	0	0	0	0	0	0	0	537	0
133 Fdn Am Acad Opthalmology	537	0	0	0	0	0	0	0	0	0	537	0
134 Cnstrm U Washngtn Metro	525	0	0	525	0	0	0	0	0	0	0	0
135 Through the Looking Glass	525	0	0	0	525	0	0	0	0	0	0	0
136 SE Cnstrm Minorities Eng	521	0	0	0	0	0	0	0	0	521	0	0
137 Acad Ed Development Inc	519	0	0	519	0	0	0	0	0	0	0	0
138 Rhode Island Zoo Society	512	0	0	0	0	0	0	0	0	0	512	0
139 Am Mathematical Society	511	0	0	40	0	0	0	0	0	0	471	0
140 Oregon Museum Sci Indstry	506	0	0	0	0	0	0	194	0	0	312	0
Total 1st 140 institutions	529,898	9,282	25,134	108,944	22,173	21,029	68,783	77,792	3,084	113,815	65,906	13,956
141 Boys&Girls Club Am	500	0	0	0	0	0	0	0	0	0	0	500
142 Eisenhower Foundation	500	0	0	0	0	0	0	0	0	0	0	500
143 Home Builders Institute	500	0	0	0	0	0	0	0	0	0	0	500
144 Our Town Family Center	500	0	0	0	0	0	0	0	0	0	0	500
145 Project OZ	500	0	0	0	0	0	0	0	0	0	0	500
146 High Scope Ed Rsch Fdn	498	0	0	0	0	0	0	498	0	0	0	0
147 Arctic Rsch Cnsrtm of US	479	0	0	0	0	0	0	0	0	0	479	0
148 NE-Midwest Inst	476	0	0	0	0	150	281	0	0	0	0	45
149 Pacific Inst Rsch&Eval CA	469	0	0	0	0	0	0	469	0	0	0	0
150 Senior Env Corps Inst	467	0	0	0	0	0	467	0	0	0	0	0
Total 1st 150 institutions	534,787	9,282	25,134	108,944	22,173	21,179	69,531	78,759	3,084	113,815	66,385	16,501

See explanatory information, if any, and SOURCE at end of table

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
151 Assc Am Geographers	461	0	0	0	0	0	0	0	0	299	162	0
152 Environmental Solutions	457	0	0	0	0	457	0	0	0	0	0	0
153 Children's Village, The	445	0	0	0	0	0	0	0	0	0	0	445
154 Inst of Gas Technology	442	0	0	0	0	442	0	0	0	0	0	0
155 Am Physiological Society	439	0	0	0	0	0	0	0	0	39	400	0
156 Geological Soc of America	431	0	0	0	0	0	0	0	25	0	406	0
157 Natl Indian Cncl Aging	426	0	0	0	0	0	0	0	0	0	426	0
158 US Space Foundation	425	0	0	0	0	0	0	0	0	425	0	0
159 Am Museum Moving Image	416	0	0	0	0	0	0	0	0	0	416	0
160 Hispanic Assc Col & U	409	0	0	0	0	409	0	0	0	0	0	0
Total 1st 160 institutions	539,138	9,282	25,134	108,944	22,173	22,487	69,531	78,759	3,109	114,578	68,195	16,946
161 Am Col Testing Program	400	0	0	0	0	0	0	0	0	0	0	400
162 Am Indian Opportunity	400	0	0	0	0	0	400	0	0	0	0	0
163 Am Soc Testing Materials	400	0	0	0	0	0	400	0	0	0	0	0
164 Cmty Trans Assc of Am	400	0	0	0	0	0	0	400	0	0	0	0
165 Intst Shellfish Sanitatio	400	0	0	0	0	0	0	400	0	0	0	0
166 Justice Rsch & Stat Assoc	396	0	0	0	0	0	0	0	0	0	0	396
167 New York Blood Center	388	0	0	388	0	0	0	0	0	0	0	0
168 Natl Fdn for IPM Ed	385	0	0	0	0	0	385	0	0	0	0	0
169 Ctr for Rural Development	383	0	383	0	0	0	0	0	0	0	0	0
170 Enterprise Dvlpmt Inc	376	0	0	0	0	0	0	0	0	376	0	0
Total 1st 170 institutions	543,066	9,282	25,517	109,332	22,173	22,487	70,716	79,559	3,109	114,954	68,195	17,742
171 Ctr Rurl Hlth Econ Dvlpmt	375	0	375	0	0	0	0	0	0	0	0	0
172 Groundwater Prtctn Cncl	375	0	0	0	0	75	300	0	0	0	0	0
173 Natl Easter Seal Society	374	0	0	0	0	0	0	0	0	0	374	0
174 Houston Advanced Rsch	371	0	0	225	0	0	36	0	0	110	0	0
175 National Public Radio	370	0	0	0	0	0	0	0	0	0	370	0
176 Somerset Co Bus Ed Partn	361	0	0	0	0	0	0	0	0	0	361	0
177 Assoc Hlth Services Rsch	359	0	0	0	0	0	0	359	0	0	0	0
178 Renew America	359	0	0	100	0	184	75	0	0	0	0	0
179 Natl Cnsrtm Grad Eng Min	357	0	0	0	0	0	0	0	0	357	0	0
180 Intl Technology Ed Assoc	356	0	0	0	0	0	0	0	0	356	0	0
Total 1st 180 institutions	546,723	9,282	25,892	109,657	22,173	22,746	71,127	79,918	3,109	115,777	69,300	17,742
181 Network, Inc	354	0	0	0	0	0	0	0	0	0	354	0
182 United Negro College Fund	353	0	249	0	0	0	50	0	0	54	0	0
183 Chicago Ed Federation	350	0	0	0	0	350	0	0	0	0	0	0
184 KCET/Cmty TV Southern CA	350	0	0	0	0	0	0	0	0	0	350	0
185 Natl Radiatn Protect Meas	348	0	0	139	0	0	79	0	0	130	0	0
186 Monroe Co Long Term Care	342	0	0	0	0	0	0	342	0	0	0	0
187 Am Assoc St Hwy&Trns Offc	341	0	0	0	0	0	0	0	0	0	0	341
188 Natl Cncl Teachers Math	339	0	0	0	0	0	0	0	0	0	339	0
189 SEATC Fdn Env Ed	335	0	0	0	0	0	335	0	0	0	0	0
190 Puget Sound Blood Center	334	0	0	0	0	0	0	334	0	0	0	0
Total 1st 190 institutions	550,169	9,282	26,141	109,796	22,173	23,096	71,591	80,594	3,109	115,961	70,343	18,083
191 Self Reliance Foundation	329	0	0	0	0	289	40	0	0	0	0	0
192 Dosecc, Inc	325	0	0	0	0	0	0	0	0	0	325	0
193 Life Science Rsch Fdn	324	0	0	0	0	324	0	0	0	0	0	0
194 Natl Env Training Assoc	322	0	0	0	0	0	322	0	0	0	0	0
195 Climate Institute	320	0	0	0	0	0	320	0	0	0	0	0
196 Chicago Horticultural Soc	315	0	0	0	0	0	0	0	0	0	315	0
197 Sci Comm Oceanic Rsch	313	0	0	0	0	0	0	0	0	0	313	0
198 Rural Cmty Assistant Prgm	307	0	0	0	0	0	307	0	0	0	0	0
199 International Science Fdn	303	0	0	41	0	0	262	0	0	0	0	0
200 U Assoc Rsch & Ed Pathol	301	0	0	0	0	0	0	301	0	0	0	0
Total 1st 200 institutions	553,328	9,282	26,141	109,837	22,173	23,709	72,842	80,895	3,109	115,961	71,296	18,083

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
201 All End Child Lead Poison	300	0	0	0	0	0	300	0	0	0	0	0
202 Assc Science Tech Ctrs	300	0	0	0	0	0	0	0	0	0	300	0
203 Grp Hlth Coop Puget Sound	300	0	0	0	0	0	0	300	0	0	0	0
204 Natl Ctr Disability Svc	300	0	0	0	300	0	0	0	0	0	0	0
205 Joseph J. Peters Inst	299	0	0	0	0	0	0	199	0	0	0	100
206 Triangle Coaltn Sci&Tech	297	0	0	0	0	230	0	0	0	67	0	0
207 Chesapeake Rsch Cnsrtm	295	0	0	0	0	0	0	0	0	0	295	0
208 Atlanta Empowerment Zone	292	0	292	0	0	0	0	0	0	0	0	0
209 Natl Parent Tchrs Assoc	282	0	0	0	0	0	282	0	0	0	0	0
210 Biol Sci Curriculm Study	280	0	0	0	0	280	0	0	0	0	0	0
Total 1st 210 institutions	556,273	9,282	26,433	109,837	22,473	24,219	73,424	81,394	3,109	116,028	71,891	18,183
211 Ctr for Clean Air Policy	275	0	0	0	0	0	275	0	0	0	0	0
212 Windstar Foundation	275	0	0	0	0	0	0	0	0	275	0	0
213 Childrens Museum Boston	274	0	0	0	0	0	0	0	0	0	274	0
214 Iowa Oncology Rsch Assc	274	0	0	0	0	0	0	274	0	0	0	0
215 Space Science Institute	271	0	0	0	0	0	0	0	0	271	0	0
216 Melwood Hort Training Ctr	262	0	0	0	0	0	0	0	0	262	0	0
217 Jefferson Comp Care Sys	252	0	0	0	0	0	0	252	0	0	0	0
218 Solar Enrgy Rsch & Ed Fdn	251	0	0	0	0	0	251	0	0	0	0	0
219 BSR Education Fund	250	0	0	0	0	0	250	0	0	0	0	0
220 Clean Sites Inc	250	0	0	0	0	0	250	0	0	0	0	0
Total 1st 220 institutions	558,907	9,282	26,433	109,837	22,473	24,219	74,450	81,920	3,109	116,836	72,165	18,183
221 Cnsrtm Energy Efficiency	250	0	0	0	0	0	250	0	0	0	0	0
222 Natl Assoc Cmty Dev Loan	250	0	0	0	0	0	250	0	0	0	0	0
223 Natl Assoc Phys Env	250	0	0	0	0	0	250	0	0	0	0	0
224 Natl Cncl Independ Living	250	0	0	0	250	0	0	0	0	0	0	0
225 Oregon Public Broadcastng	250	0	0	0	0	200	0	0	0	50	0	0
226 Surface Trans Plcy Prjct	250	0	0	0	0	0	250	0	0	0	0	0
227 Am Cncl Enrgy Effcnt Econ	248	0	0	0	0	0	248	0	0	0	0	0
228 Juvenile Protection Assoc	248	0	0	0	0	0	0	248	0	0	0	0
229 Consumer Research Council	246	0	0	0	0	0	246	0	0	0	0	0
230 Interstate Oil Compact	245	0	0	0	0	245	0	0	0	0	0	0
Total 1st 230 institutions	561,394	9,282	26,433	109,837	22,723	24,664	75,944	82,168	3,109	116,886	72,165	18,183
231 Assoc St Drinking Wtr Admi	243	0	0	0	0	0	243	0	0	0	0	0
232 Twin Cities Public TV	241	0	0	0	0	0	0	0	0	0	241	0
233 Am Physical Society	237	0	0	0	0	0	0	0	0	0	237	0
234 Intl Soc Plant Molec Bio	236	0	0	0	0	0	0	0	0	0	236	0
235 Assoc Metro Sewerage Ags	234	0	0	0	0	0	234	0	0	0	0	0
236 NEA Health Info Network	234	0	0	0	0	0	234	0	0	0	0	0
237 Local Gvmmnt Cmsn of CA	230	0	0	0	0	0	230	0	0	0	0	0
238 Noddles Isld Multi-Svc Ag	230	0	0	0	0	0	0	0	0	0	0	230
239 World Wildlife Fund US	230	0	0	0	0	0	230	0	0	0	0	0
240 Assoc Water Pltn Control	229	0	0	0	0	0	229	0	0	0	0	0
Total 1st 240 institutions	563,738	9,282	26,433	109,837	22,723	24,664	77,344	82,168	3,109	116,886	72,879	18,413
241 Am Indian Sci & Eng Soc	228	0	0	40	0	15	0	0	0	70	103	0
242 Keystone Center	226	0	0	0	0	183	0	0	0	0	43	0
243 ARC, The	225	0	0	0	125	100	0	0	0	0	0	0
244 Village South, Inc	225	0	0	0	0	0	0	225	0	0	0	0
245 Assoc Cnty Cty Hlth Offcl	217	0	0	0	0	0	217	0	0	0	0	0
246 NMR Concepts	217	0	0	0	0	0	0	0	0	0	217	0
247 Illinois State Museum	216	0	0	171	0	0	0	0	0	0	45	0
248 Natl Assoc Hispanic Eldly	216	0	0	0	0	0	216	0	0	0	0	0
249 Metropolitan Energy Ctr	214	0	0	0	0	0	214	0	0	0	0	0
250 Natl Cncl Geographic Ed	213	0	0	0	0	0	0	0	0	0	213	0
Total 1st 250 institutions	565,935	9,282	26,433	110,048	22,848	24,962	77,991	82,393	3,109	116,956	73,500	18,413

See explanatory information, if any, and SOURCE at end of table

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
251 Inst Study Learning Exper	211	0	0	211	0	0	0	0	0	0	0	0
252 Young Astronaut Council	211	0	0	0	0	0	0	0	0	211	0	0
253 CA Assoc Rsch Astronomy	209	0	0	0	0	0	0	0	0	209	0	0
254 Science Center of CT	204	0	204	0	0	0	0	0	0	0	0	0
255 Sea Education Association	203	0	0	0	0	0	0	0	0	0	203	0
256 Bicycle Federation of Am	200	0	0	0	0	0	200	0	0	0	0	0
257 Fr Flanagan's Boys Home	200	0	0	0	0	0	0	200	0	0	0	0
258 Inst Local Self Reliance	200	0	0	0	0	0	200	0	0	0	0	0
259 Maui Econ Dev Board	200	0	0	0	0	0	0	0	0	0	200	0
260 Natl Alliance of Bus DC	200	0	0	0	0	0	0	0	0	0	200	0
Total 1st 260 institutions	567,973	9,282	26,637	110,259	22,848	24,962	78,391	82,593	3,109	117,376	74,103	18,413
261 Natl Env Hlth Associate	200	0	0	0	0	0	200	0	0	0	0	0
262 Natl Hispanic Housng Cncl	200	0	0	0	0	0	0	0	0	0	0	200
263 Pacifica Foundation	200	0	0	0	0	200	0	0	0	0	0	0
264 Small Manufacturers Assoc	200	0	0	0	0	0	200	0	0	0	0	0
265 Natl Test Pilot School	199	0	0	0	0	0	0	0	0	199	0	0
266 Gordon Rsch Conferences	197	41	0	17	0	9	50	0	0	60	20	0
267 WHRO	197	0	0	0	0	0	0	0	0	197	0	0
268 DE Vly Ctzns Cncl Cln Air	195	0	0	0	0	0	195	0	0	0	0	0
269 League of Women Voters	195	0	0	0	0	0	195	0	0	0	0	0
270 Natl Council on La Raza	195	0	0	0	0	0	0	0	0	0	195	0
Total 1st 270 institutions	569,951	9,323	26,637	110,276	22,848	25,171	79,231	82,593	3,109	117,832	74,318	18,613
271 Museum of Science	193	0	0	0	0	0	0	0	0	0	193	0
272 Soundprint Media Ctr	191	0	0	0	0	0	0	0	0	0	191	0
273 Assc Natl Person Mayor	190	0	0	0	0	0	190	0	0	0	0	0
274 United Way	190	0	190	0	0	0	0	0	0	0	0	0
275 Comm Prof Sci & Tech	188	0	0	0	0	0	0	0	0	0	188	0
276 Ctr Rsch Innovation & Soc	186	0	0	0	0	0	0	0	0	0	186	0
277 Atlantic Council of US	185	0	0	185	0	0	0	0	0	0	0	0
278 WGBH Educational Fdn	184	0	60	0	124	0	0	0	0	0	0	0
279 Mid-Cont Cncl Girl Scouts	183	0	0	0	0	0	0	0	0	0	183	0
280 Habitat SW Humanity Intl	177	0	0	0	0	0	177	0	0	0	0	0
Total 1st 280 institutions	571,818	9,323	26,887	110,461	22,972	25,171	79,598	82,593	3,109	117,832	75,259	18,613
281 Portland Energy Cnsrvtn	177	0	0	0	0	0	177	0	0	0	0	0
282 Natl Alliance St Sci Math	176	0	0	0	0	0	0	0	0	176	0	0
283 Midwest Env Enfrcmt Assoc	175	0	0	0	0	0	175	0	0	0	0	0
284 Arapahoe House, Inc	174	0	0	0	0	0	0	174	0	0	0	0
285 Conservation Svcs Group	172	0	0	0	0	0	172	0	0	0	0	0
286 Alaska Federation Natives	171	0	0	0	0	0	0	0	0	0	171	0
287 EPSCoR Foundation	170	0	0	0	0	0	0	0	0	0	170	0
288 Phila Hlth Mgmt Corp	170	0	0	0	0	0	0	170	0	0	0	0
289 Terrene Institute	170	0	0	0	0	0	170	0	0	0	0	0
290 Boley Ctrs Behavrl Hlth	167	0	0	0	0	0	0	167	0	0	0	0
Total 1st 290 institutions	573,540	9,323	26,887	110,461	22,972	25,171	80,292	83,104	3,109	118,008	75,600	18,613
291 Community Health Clinics	167	0	0	0	0	0	0	0	0	0	0	167
292 American Forestry Assoc	166	0	0	0	0	0	166	0	0	0	0	0
293 Rndtbl State Pltn Prvntn	166	0	0	0	0	0	166	0	0	0	0	0
294 Museum of Science, Inc	163	0	0	0	0	0	0	0	0	0	163	0
295 Community Connections	160	0	0	0	0	0	0	160	0	0	0	0
296 Natl Cltn Hisp Hlth & Hmn	160	0	0	0	0	0	160	0	0	0	0	0
297 Action Boston Cmty Dvlpmt	156	0	0	0	0	0	0	67	0	0	0	89
298 YWCA of Greater Memphis	155	0	0	0	0	0	0	0	0	0	0	155
299 Chicago Women in Trades	153	0	0	0	0	0	0	0	0	0	0	153
300 Women Nontrad Emp Roles	152	0	0	0	0	0	0	0	0	0	0	152
Total 1st 300 institutions	575,138	9,323	26,887	110,461	22,972	25,171	80,784	83,331	3,109	118,008	75,763	19,329

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
301 Baltimore Urban League	150	0	0	0	0	150	0	0	0	0	0	0
302 Inst for Responsible Mgt	150	0	0	0	0	0	150	0	0	0	0	0
303 Intl Space University	150	0	0	0	0	0	0	0	0	150	0	0
304 Pacific Rivers Cncl, Inc	150	0	0	0	0	0	150	0	0	0	0	0
305 Wider Opportunities Women	150	0	0	0	0	0	0	0	0	0	0	150
306 Citizens Better Environmt	149	0	0	0	0	0	149	0	0	0	0	0
307 Cncl of State Governments	149	0	0	0	0	0	149	0	0	0	0	0
308 Air & Waste Mgt Assc	148	0	0	0	0	0	148	0	0	0	0	0
309 Group Health Foundation	148	0	0	0	0	0	0	148	0	0	0	0
310 Am Cncl Learned Societies	146	0	0	0	0	0	0	0	0	0	146	0
Total 1st 310 institutions	576,628	9,323	26,887	110,461	22,972	25,321	81,530	83,479	3,109	118,158	75,909	19,479
311 CT Bus & Indust Assc	145	0	0	0	0	0	0	0	0	0	145	0
312 Tech Utilization Fdn	141	0	0	0	0	0	0	0	0	141	0	0
313 N Am Assoc Environ Ed	140	0	0	0	0	0	140	0	0	0	0	0
314 Rnwbl Enrgy & Efncy Trng	140	0	0	0	0	0	140	0	0	0	0	0
315 American Bar Foundation	139	0	0	0	0	0	0	105	0	0	34	0
316 Zoological Soc San Diego	139	0	0	0	0	0	0	0	0	0	139	0
317 Accred Brd Eng & Tech	138	0	0	0	0	0	0	0	0	0	138	0
318 Prmry Care Perinat. Svcs	138	0	0	0	0	0	0	138	0	0	0	0
319 Green Seal	137	0	0	0	0	0	137	0	0	0	0	0
320 Pathways to Housing, Inc	136	0	0	0	0	0	0	136	0	0	0	0
Total 1st 320 institutions	578,021	9,323	26,887	110,461	22,972	25,321	81,947	83,858	3,109	118,299	76,365	19,479
321 Inst of Intl Education	135	0	0	0	0	0	0	0	0	0	135	0
322 American Inst Architects	133	0	0	28	0	0	18	0	0	0	87	0
323 Inst Adv Soc Work Rsch	131	0	0	131	0	0	0	0	0	0	0	0
324 JASON Fdn for Education	130	0	0	0	0	0	0	0	0	130	0	0
325 NM Museum of Natr Hist	129	0	0	0	0	0	0	0	0	0	129	0
326 Soc Advancement Chicanos	129	0	0	0	0	36	0	0	0	0	93	0
327 Am Fisheries Society	125	0	0	0	0	0	109	0	16	0	0	0
328 Electronic Pathways	125	0	0	0	0	0	0	0	0	125	0	0
329 Pacific GIS	125	125	0	0	0	0	0	0	0	0	0	0
330 Natl School Board Assoc	124	0	0	0	0	0	0	0	0	0	124	0
Total 1st 330 institutions	579,307	9,448	26,887	110,620	22,972	25,357	82,074	83,858	3,125	118,554	76,933	19,479
331 Cincinnati Hlth Network	123	0	0	0	0	0	0	0	0	0	0	123
332 Cncl Engy Resource Tribes	120	0	0	0	0	120	0	0	0	0	0	0
333 Student Pugwash USA	118	0	0	0	0	0	0	0	0	0	118	0
334 Girls Inc (New York, NY)	117	0	0	0	0	0	0	0	0	0	117	0
335 Discovery Place, Inc	114	0	0	0	0	0	0	0	0	0	114	0
336 North Am Lake Mgt Soc	113	0	0	0	0	0	103	0	10	0	0	0
337 Am Acad of Arts & Sci	112	0	0	0	0	0	0	0	0	0	112	0
338 Natl Ctr for State Courts	112	0	0	0	0	0	0	0	0	0	0	112
339 WA Ctr Internshps & Acad	112	0	0	0	0	0	112	0	0	0	0	0
340 Enrgy Adtr & Retrofitter	111	0	0	0	0	0	111	0	0	0	0	0
Total 1st 340 institutions	580,459	9,448	26,887	110,620	22,972	25,477	82,400	83,858	3,135	118,554	77,394	19,714
341 Ctr Occupational R&D	108	0	0	0	0	0	0	0	0	0	108	0
342 Mansfield Ctr Pacifc Afrs	106	0	0	0	0	0	106	0	0	0	0	0
343 Maryland Public TV	106	0	0	0	0	0	0	0	0	0	106	0
344 Ctr Social Gerontology	105	0	0	0	0	0	0	105	0	0	0	0
345 Natl Sr Citizen Law Ctr	105	0	0	0	0	0	0	105	0	0	0	0
346 KS Legal Svcs, Inc	103	0	0	0	0	0	0	103	0	0	0	0
347 Ecological Soc of America	102	0	0	0	0	0	97	0	5	0	0	0
348 Kaiser Permanente	101	0	0	0	0	0	0	101	0	0	0	0
349 Tiger Sci Education Fdn	101	0	0	0	0	101	0	0	0	0	0	0
350 Am Prosecutors Rsch Inst	100	0	0	0	0	0	0	0	0	0	0	100
Total 1st 350 institutions	581,496	9,448	26,887	110,620	22,972	25,578	82,603	84,272	3,140	118,554	77,608	19,814

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
351 Am Public Welfare Assc	100	0	0	0	0	0	0	100	0	0	0	0
352 Ed Broadcasting Corp	100	0	0	0	0	0	0	0	0	0	100	0
353 Florida Children's Forum	100	0	0	0	0	0	0	100	0	0	0	0
354 Grtr Washington Urban Lg	100	0	0	0	0	0	100	0	0	0	0	0
355 Intl Coop Env Leadership	100	0	0	0	0	0	100	0	0	0	0	0
356 Latino Health Institute	100	0	0	0	0	0	0	0	0	0	0	100
357 Legal Svcs of Northern CA	100	0	0	0	0	0	0	100	0	0	0	0
358 Mnrty Bus Entps Legal Def	100	0	0	0	0	0	100	0	0	0	0	0
359 Natl Assoc Reg Util Comms	100	0	0	0	0	0	100	0	0	0	0	0
360 Natl Cong Neighbrd Women	100	0	0	0	0	0	0	0	0	0	0	100
Total 1st 360 institutions	582,496	9,448	26,887	110,620	22,972	25,578	83,003	84,572	3,140	118,554	77,708	20,014
361 Natl Ctzn Cltn Nrsg Hm Rf	100	0	0	0	0	0	0	100	0	0	0	0
362 Natl Youth Employmnt Cltn	100	0	0	0	0	0	0	0	0	0	0	100
363 New Mexico Mesa Inc	100	0	0	0	0	0	0	0	0	90	10	0
364 Public/Private Ventures	100	0	0	0	0	0	0	100	0	0	0	0
365 Puerto Rico Lgl Svcs, Inc	100	0	0	0	0	0	0	100	0	0	0	0
366 Astronauts Memorial Fdn	99	0	0	0	0	0	0	0	0	99	0	0
367 Ctr Policy Alternatives	99	0	0	0	0	0	99	0	0	0	0	0
368 Govt Finance Ofcrs Assoc	99	0	0	0	0	0	99	0	0	0	0	0
369 SE Regional Ed Svc Ctr	99	0	99	0	0	0	0	0	0	0	0	0
370 TriSt Ed Initiativ Cnstrm	99	0	0	0	0	0	0	0	0	99	0	0
Total 1st 370 institutions	583,491	9,448	26,986	110,620	22,972	25,578	83,201	84,872	3,140	118,842	77,718	20,114
371 United Engineering Trusts	99	0	0	5	0	0	45	0	0	0	49	0
372 Dillon Net, Inc	98	0	98	0	0	0	0	0	0	0	0	0
373 Legal Aid Soc of HI	98	0	0	0	0	0	0	98	0	0	0	0
374 Hydrolic Research Ctr	97	0	0	0	0	0	0	0	0	97	0	0
375 Central City Concern	96	0	0	0	0	0	0	96	0	0	0	0
376 Fed Am Soc Exper Biol	95	17	0	8	0	10	0	0	0	0	60	0
377 American Inst Physics	93	0	0	0	0	0	0	0	0	0	93	0
378 Optical Soc of America	92	0	0	58	0	0	0	0	0	0	34	0
379 Am Assoc Higher Education	91	0	0	0	0	0	0	0	0	0	91	0
380 Assoc Farmworker Opprtnty	90	0	0	0	0	0	90	0	0	0	0	0
Total 1st 380 institutions	584,440	9,465	27,084	110,691	22,972	25,588	83,336	85,066	3,140	118,939	78,045	20,114
381 Elder Law of MI, Inc	90	0	0	0	0	0	0	90	0	0	0	0
382 Legl Svcs for the Elderly	90	0	0	0	0	0	0	90	0	0	0	0
383 Museum of Sci & Industry	88	0	0	0	0	0	0	0	0	0	88	0
384 Concern, Inc	85	0	0	0	0	0	85	0	0	0	0	0
385 Groundwater Fdn, The	85	0	0	0	0	0	85	0	0	0	0	0
386 Mental Health Svcs West	85	0	0	0	0	0	0	85	0	0	0	0
387 Michigan Biotech Inst	85	0	0	85	0	0	0	0	0	0	0	0
388 Better Homes Fund, The	84	0	0	0	0	0	0	84	0	0	0	0
389 Am Inst Arch Students	82	0	0	0	0	82	0	0	0	0	0	0
390 Natl Juv Detention Assoc	82	0	0	0	0	0	0	0	0	0	0	82
Total 1st 390 institutions	585,296	9,465	27,084	110,776	22,972	25,670	83,506	85,415	3,140	118,939	78,133	20,196
391 Paleontological Rsch Inst	82	0	0	0	0	0	0	0	0	0	82	0
392 Am Assc of Engineers	80	0	0	0	0	0	0	0	0	0	80	0
393 Cmpstng Cncl Rsch&Ed Fdn	80	0	0	0	0	0	80	0	0	0	0	0
394 Izaak Walton League Am	80	0	0	0	0	0	80	0	0	0	0	0
395 Nonprofit Initiative, Inc	80	0	0	0	0	0	0	0	0	80	0	0
396 Unisphere Institute	80	0	0	0	0	0	0	0	0	80	0	0
397 Water Env Rsch Fdn	80	0	0	0	0	0	80	0	0	0	0	0
398 Assc Computing Machinery	79	0	0	0	0	0	0	0	0	0	79	0
399 Am Soc Microbiology	78	0	0	0	0	25	0	0	0	0	53	0
400 Cnsvtn Law Fdn New Eng	78	0	0	0	0	0	78	0	0	0	0	0
Total 1st 400 institutions	586,093	9,465	27,084	110,776	22,972	25,695	83,824	85,415	3,140	119,099	78,427	20,196

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
401 Inst Elec & Electron Eng	78	0	0	0	0	10	0	0	0	0	68	0
402 Am Forest Foundation	75	0	0	0	0	0	75	0	0	0	0	0
403 CA Academy of Sciences	75	0	0	0	0	0	0	0	0	0	75	0
404 Intl Womens Democracy Ctr	75	0	0	0	0	0	0	0	0	0	0	75
405 Natl Civic League	75	0	0	0	0	0	75	0	0	0	0	0
406 Partnershp Env Tech Ed	75	0	0	0	0	0	75	0	0	0	0	0
407 Renewable Enrgy Cncl	75	0	0	0	0	75	0	0	0	0	0	0
408 Natl Medical Assoc	72	0	0	0	0	0	72	0	0	0	0	0
409 Cambridge Med Care Fdn	71	0	71	0	0	0	0	0	0	0	0	0
410 National FFA Organization	70	0	0	0	0	0	70	0	0	0	0	0
Total 1st 410 institutions	586,834	9,465	27,155	110,776	22,972	25,780	84,191	85,415	3,140	119,099	78,570	20,271
411 Am Assc Immunologists	69	0	0	0	0	0	0	69	0	0	0	0
412 Natl Recycling Cltn	68	0	0	0	0	0	68	0	0	0	0	0
413 Easter Seal Soc Redwd Cst	67	0	0	0	0	0	0	67	0	0	0	0
414 Easter Seal Soc of Utah	67	0	0	0	0	0	0	67	0	0	0	0
415 Elwyn, Inc	67	0	0	0	0	0	0	67	0	0	0	0
416 Am Col Sports Medicine	66	0	0	0	0	0	0	0	0	66	0	0
417 Southcentral Foundation	64	0	0	0	0	0	0	64	0	0	0	0
418 Marine Science Cnsrtm	62	0	0	0	0	0	0	0	0	0	62	0
419 Watershed Rsch&Trng Ctr	62	62	0	0	0	0	0	0	0	0	0	0
420 Ctr Adv Hispanics Sci Eng	61	0	0	0	0	0	0	0	0	61	0	0
Total 1st 420 institutions	587,487	9,527	27,155	110,776	22,972	25,780	84,259	85,749	3,140	119,226	78,632	20,271
421 Natl Cncl Negro Wmn (DC)	60	0	0	0	0	0	60	0	0	0	0	0
422 Natl Consumer Law Inc	60	0	0	0	0	0	0	60	0	0	0	0
423 Living at Home	59	0	0	0	0	0	0	59	0	0	0	0
424 Conference Board Math Sci	57	0	0	0	0	0	0	0	0	0	57	0
425 Great Lakes Science Ctr	55	0	0	0	0	0	0	0	0	0	55	0
426 Natl Env Ed & Trng Fdn	55	0	0	0	0	25	30	0	0	0	0	0
427 Adopt-A-Watershed	54	0	0	0	0	0	54	0	0	0	0	0
428 Assoc State Wetland Mgrs	54	0	0	0	0	0	54	0	0	0	0	0
429 Human Relations Area File	54	0	0	0	0	0	0	0	0	0	54	0
430 Korean Yth & Cmty Ctr	54	0	0	0	0	0	54	0	0	0	0	0
Total 1st 430 institutions	588,049	9,527	27,155	110,776	22,972	25,805	84,511	85,868	3,140	119,226	78,798	20,271
431 Natl Hemophilia Fdn	54	0	0	0	0	0	0	54	0	0	0	0
432 Assc Women Mathematics	51	0	0	0	0	0	0	0	0	0	51	0
433 Editorial Projects in Ed	51	0	0	0	0	0	0	0	0	0	51	0
434 Assoc Institutional Rsch	50	0	0	0	0	0	0	0	0	0	50	0
435 Assoc State & Terr Hlth	50	0	0	0	0	0	50	0	0	0	0	0
436 CA U Rsch Earthquake Eng	50	0	0	0	0	0	0	0	0	0	50	0
437 Corp Public Broadcasting	50	0	0	0	0	0	0	0	0	0	50	0
438 Env Asmnt Ed Fdn	50	0	0	0	0	0	50	0	0	0	0	0
439 Fair Housing Center	50	0	0	0	0	0	0	0	0	0	0	50
440 Hope Fair Housing Center	50	0	0	0	0	0	0	0	0	0	0	50
Total 1st 440 institutions	588,555	9,527	27,155	110,776	22,972	25,805	84,611	85,922	3,140	119,226	79,050	20,371
441 Intl Soc Optical Eng	50	0	0	50	0	0	0	0	0	0	0	0
442 KISS Inst Practical Rbtcs	50	0	50	0	0	0	0	0	0	0	0	0
443 Mountains to Sound Grnwy	50	0	0	0	0	0	50	0	0	0	0	0
444 Natl Assoc Local Govt Env	50	0	0	0	0	0	50	0	0	0	0	0
445 Natl Audobon Society	50	0	0	0	0	0	50	0	0	0	0	0
446 Natl Training & Info Ctr	50	0	0	0	0	0	0	0	0	0	0	50
447 Space Coast Ctr Ind Lvng	50	0	0	0	0	0	0	0	0	50	0	0
448 Ecosystem Recovery Inst	49	0	0	0	0	0	49	0	0	0	0	0
449 Soc of Women Engineers	49	0	0	0	0	0	0	0	0	49	0	0
450 Transitional Living Svcs	48	0	0	0	0	0	0	0	0	0	0	48
Total 1st 450 institutions	589,051	9,527	27,205	110,826	22,972	25,805	84,810	85,922	3,140	119,325	79,050	20,469

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
451 Assc Rsch Vision Ophthal	47	0	0	0	0	0	0	47	0	0	0	0
452 Public Justice Center	46	0	0	0	0	0	0	0	0	0	0	46
453 Ctr Watershed Protection	45	0	0	0	0	0	45	0	0	0	0	0
454 SW Rsch & Info Ctr	45	0	0	0	0	0	45	0	0	0	0	0
455 Sustainbl Ecosystems Inst	45	45	0	0	0	0	0	0	0	0	0	0
456 Appropriate Tech Intl	43	0	0	0	0	0	43	0	0	0	0	0
457 Natl Assoc St Dept Ag	42	0	0	0	0	0	42	0	0	0	0	0
458 Natl Cnfc Black Mayor	42	0	0	0	0	0	40	0	0	0	0	2
459 Aspen Institute	40	0	0	0	0	0	40	0	0	0	0	0
460 Center for Resource Mgt	40	0	0	0	0	0	40	0	0	0	0	0
Total 1st 460 institutions	589,486	9,572	27,205	110,826	22,972	25,805	85,105	85,969	3,140	119,325	79,050	20,517
461 Midtown Educational Fdn	40	0	0	0	0	0	0	0	0	40	0	0
462 NYC Indst Tech Asst Corp	40	0	0	0	0	0	40	0	0	0	0	0
463 Natl Inst of Bldg Science	40	0	0	40	0	0	0	0	0	0	0	0
464 Natl Urban Fellows	40	0	0	0	0	0	0	0	0	0	0	40
465 Univs Cncl Water Res	40	0	0	0	0	0	0	0	40	0	0	0
466 Winrock International	40	0	0	0	0	0	40	0	0	0	0	0
467 Assoc Asian Pac Cmty Hlth	39	0	0	0	0	0	39	0	0	0	0	0
468 Am Acad of Pediatrics	37	0	0	0	0	0	37	0	0	0	0	0
469 Am Assc Cmty & Jr Col	36	0	0	0	0	0	0	0	0	0	36	0
470 Ctr for Policy Rsch	36	0	0	0	0	0	0	36	0	0	0	0
Total 1st 470 institutions	589,874	9,572	27,205	110,866	22,972	25,805	85,261	86,005	3,180	119,365	79,086	20,557
471 Am Cncl for the U N. Univ	35	0	0	0	0	0	35	0	0	0	0	0
472 Am Inst Indian Studies	35	0	0	0	0	0	0	0	0	0	35	0
473 Brooklyn Childrens Museum	35	0	0	0	0	0	0	0	0	0	35	0
474 Energy Efcnt Bldg Assoc	35	0	0	0	0	0	35	0	0	0	0	0
475 Home Enrgy Rtngs Sys Cncl	35	0	0	0	0	0	35	0	0	0	0	0
476 Water Env Federation	35	0	0	0	0	0	35	0	0	0	0	0
477 Affordable Comfort	34	0	0	0	0	9	25	0	0	0	0	0
478 Big Brothers/Big Sisters	34	0	0	0	0	0	0	34	0	0	0	0
479 KY River Foothills Dev	34	0	0	0	0	0	0	34	0	0	0	0
480 Senior Neighbors Chattnga	34	0	0	0	0	0	0	34	0	0	0	0
Total 1st 480 institutions	590,220	9,572	27,205	110,866	22,972	25,814	85,426	86,107	3,180	119,365	79,156	20,557
481 Wildlife Habitat Council	34	0	0	0	0	0	34	0	0	0	0	0
482 Council Am Bldg Officials	33	0	0	0	0	0	33	0	0	0	0	0
483 IISME(Ind Ini Sci&Mth Ed)	33	0	0	0	0	0	0	0	0	33	0	0
484 MS Enterprise for Tech	32	0	0	0	0	0	0	0	32	0	0	0
485 Astronomical Soc Pacific	31	0	0	0	0	0	0	0	0	31	0	0
486 Ctr Cmty Hlth & Environ	30	0	0	0	0	0	30	0	0	0	0	0
487 Division of Chemical Ed	30	0	0	0	0	0	0	0	0	0	30	0
488 FL Fruit & Vegetable	30	0	0	0	0	0	30	0	0	0	0	0
489 Natl Assoc Twns & Twnshps	30	0	0	0	0	0	30	0	0	0	0	0
490 Natl Env Policy & Law Ctr	30	0	0	0	0	0	30	0	0	0	0	0
Total 1st 490 institutions	590,533	9,572	27,205	110,866	22,972	25,814	85,613	86,107	3,212	119,429	79,186	20,557
491 VT Energy Investment Corp	30	0	0	0	0	0	30	0	0	0	0	0
492 Natl Fish & Wildlife Fdn	29	0	0	0	0	29	0	0	0	0	0	0
493 Malpai Borderlands Group	27	27	0	0	0	0	0	0	0	0	0	0
494 Rudy Bruner Foundation	27	0	0	0	0	0	0	0	0	0	0	27
495 Aging 2000	25	0	0	0	0	0	0	25	0	0	0	0
496 Amer Political Sci Assoc	25	0	0	0	0	0	0	0	0	0	25	0
497 Intl Soc Exposure Anlysis	25	0	0	0	0	0	25	0	0	0	0	0
498 Raising Hisp Acad Achvmnt	25	0	0	0	0	25	0	0	0	0	0	0
499 Soc Applied Anthropology	25	0	0	0	0	0	25	0	0	0	0	0
500 Waste Watch Center, The	25	0	0	0	0	0	25	0	0	0	0	0
Total 1st 500 institutions	590,796	9,599	27,205	110,866	22,972	25,868	85,718	86,132	3,212	119,429	79,211	20,584

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
501 Hist of Science Society	24	0	0	0	0	0	0	0	0	0	24	0
502 Internatl Map Trade Assoc	22	0	0	0	0	0	0	0	22	0	0	0
503 Metropolitan Museum Art	22	0	0	0	0	0	0	0	0	0	22	0
504 Soc Integrative Comp Bio	21	0	0	0	0	0	0	0	0	0	21	0
505 Am College of Toxicology	20	0	0	20	0	0	0	0	0	0	0	0
506 Am Solar Energy Society	20	0	0	0	0	20	0	0	0	0	0	0
507 Assc Physical Sys Math	20	0	0	0	0	0	0	0	0	20	0	0
508 Biophysical Society	20	0	0	0	0	0	0	0	0	0	20	0
509 Ctr Image Processing Ed	20	0	0	0	0	0	0	0	0	0	20	0
510 Materials Research Soc	20	0	0	20	0	0	0	0	0	0	0	0
Total 1st 510 institutions	591,005	9,599	27,205	110,906	22,972	25,888	85,718	86,132	3,234	119,449	79,318	20,584
511 Natl Assc Corrosion Eng	20	0	0	20	0	0	0	0	0	0	0	0
512 Natl Cncl Churches Christ	20	0	0	0	0	0	20	0	0	0	0	0
513 Soc Hispanic Prof Eng CA	19	0	0	19	0	0	0	0	0	0	0	0
514 Am Psychological Assc	18	0	0	0	0	0	0	0	0	0	18	0
515 Crow Valley Livestock	18	18	0	0	0	0	0	0	0	0	0	0
516 Marine Environ Sci Cnsrtm	18	0	0	0	0	0	0	0	18	0	0	0
517 Ctr for Intl Env Law	17	0	0	0	0	0	17	0	0	0	0	0
518 Electrochemical Society	17	0	0	2	0	15	0	0	0	0	0	0
519 Vocational Info Prog Inst	17	0	0	0	0	0	0	0	0	17	0	0
520 Colorado Bird Observatory	15	0	0	0	0	0	15	0	0	0	0	0
Total 1st 520 institutions	591,184	9,617	27,205	110,947	22,972	25,903	85,770	86,132	3,252	119,466	79,336	20,584
521 Friends of the Earth	15	0	0	0	0	15	0	0	0	0	0	0
522 Genetic Society of Am	15	0	0	0	0	0	0	0	0	0	15	0
523 Natl Wildlife Federation	15	0	0	0	0	0	15	0	0	0	0	0
524 Soil & Water Csrvtn Soc	13	8	0	0	0	0	5	0	0	0	0	0
525 Chin Am Engs & Sci Assoc	11	0	0	0	0	11	0	0	0	0	0	0
526 San Diego Soc Natr Hist	11	0	0	11	0	0	0	0	0	0	0	0
527 Acoustical Soc America	10	0	0	10	0	0	0	0	0	0	0	0
528 Am Assoc Crystal Growth	10	0	0	0	0	0	0	0	0	10	0	0
529 Am River Mgmt Society	10	0	0	0	0	0	10	0	0	0	0	0
530 American Bird Observatory	10	0	0	0	0	0	10	0	0	0	0	0
Total 1st 530 institutions	591,304	9,625	27,205	110,968	22,972	25,929	85,810	86,132	3,252	119,476	79,351	20,584
531 Bat Conservation Intl	10	0	0	0	0	0	10	0	0	0	0	0
532 Intl Assoc Wildland Fire	10	10	0	0	0	0	0	0	0	0	0	0
533 Leaders of 21st Century	10	0	0	0	0	0	0	0	0	10	0	0
534 Montana Teachers of Math	10	0	0	0	0	0	0	0	0	0	10	0
535 Natl Actn Cncl Minorities	10	0	0	0	0	0	0	0	0	0	10	0
536 Natl Assc Commiss Women	10	0	0	0	0	0	0	0	0	0	0	10
537 Ohio Agricultural R&D Ctr	10	10	0	0	0	0	0	0	0	0	0	0
538 Universities Rsch Assc	10	0	0	0	0	0	0	0	0	0	10	0
539 Women Eng Advoc Ntwrk	10	0	0	0	0	0	0	0	0	10	0	0
540 Marine Env Ed Fdn, Inc	9	0	0	0	0	0	9	0	0	0	0	0
Total 1st 540 institutions	591,403	9,645	27,205	110,968	22,972	25,929	85,829	86,132	3,252	119,496	79,381	20,594
541 Pacific Science Ctr Fdn	9	0	0	0	0	0	0	0	0	0	9	0
542 NY Prosecutors Trng Inst	8	0	0	0	0	0	8	0	0	0	0	0
543 Soc Rsch Bio Rhythms	8	0	0	0	0	0	0	0	0	0	8	0
544 Women's Rsch & Ed Fund	8	0	0	0	0	0	0	0	0	0	0	8
545 Conservation Tillage Info	7	7	0	0	0	0	0	0	0	0	0	0
546 Oceanic Society	6	0	0	6	0	0	0	0	0	0	0	0
547 Am Assc Variable Star Obs	5	0	0	0	0	0	0	0	0	5	0	0
548 Cleveland Ed Fund	5	0	0	0	0	0	0	0	0	0	5	0
549 NY Academy of Science	5	0	0	0	0	0	0	0	0	0	5	0
550 Appalachian Mountain Club	4	4	0	0	0	0	0	0	0	0	0	0
Total 1st 550 institutions	591,468	9,656	27,205	110,974	22,972	25,929	85,837	86,132	3,252	119,501	79,408	20,602

See explanatory information, if any, and SOURCE at end of table

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1996

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
551 YWCA (Salem, OR)	4	0	0	0	0	0	0	0	0	0	0	4
552 Legal Asstnc Fdn Chicago	3	0	0	0	0	0	0	0	0	0	0	3
553 Wmns Res Ctr (Grd Rpd MI)	3	0	0	0	0	0	0	0	0	0	0	3
554 Women Unlimited	3	0	0	0	0	0	0	0	0	0	0	3
555 Am Public Hlth Assoc	2	0	0	0	0	0	0	2	0	0	0	0
556 Am Soc Cell Biology	2	0	0	0	0	0	0	0	0	0	2	0
557 Career Training Institute	2	0	0	0	0	0	0	0	0	0	0	2
558 Girls Count	2	0	0	0	0	0	0	0	0	0	0	2
559 Nontraditl Employ Women	2	0	0	0	0	0	0	0	0	0	0	2
560 Operation Able	2	0	0	0	0	0	0	0	0	0	0	2
Total 1st 560 institutions	591,493	9,656	27,205	110,974	22,972	25,929	85,837	86,134	3,252	119,501	79,410	20,623
561 Oregon Tradeswomen Ntwk	2	0	0	0	0	0	0	0	0	0	0	2
562 Project NAIL	2	0	0	0	0	0	0	0	0	0	0	2
563 Social Science Rsch Cncl	2	0	0	0	0	0	0	0	0	0	2	0
564 Women's Env & Dvlpmt Org	2	0	0	0	0	0	0	0	0	0	0	2
565 Adult Learning Center	1	0	0	0	0	0	0	0	0	0	0	1
566 Alliance Wom Bus Prof Org	1	0	0	0	0	0	0	0	0	0	0	1
567 Alpha Kappa Alpha Srty	1	0	0	0	0	0	0	0	0	0	0	1
568 Brookings Career Lrng Ctr	1	0	0	0	0	0	0	0	0	0	0	1
569 Delta Sigma Theta Sorority	1	0	0	0	0	0	0	0	0	0	0	1
570 FL Wmn Wk Intrst & Ntwk	1	0	0	0	0	0	0	0	0	0	0	1
Total 1st 570 institutions	591,507	9,656	27,205	110,974	22,972	25,929	85,837	86,134	3,252	119,501	79,412	20,635
571 Greater MO Ldrship Chlng	1	0	0	0	0	0	0	0	0	0	0	1
572 Links, Inc	1	0	0	0	0	0	0	0	0	0	0	1
573 Mothers & Daughters, Inc	1	0	0	0	0	0	0	0	0	0	0	1
574 N E Womens Center	1	0	0	0	0	0	0	0	0	0	0	1
575 Natl Assc Womn Bus Ownrs	1	0	0	0	0	0	0	0	0	0	0	1
576 Neighborhood Hlth Clinics	1	0	0	0	0	0	0	0	0	0	0	1
577 Project Equality, Inc	1	0	0	0	0	0	0	0	0	0	0	1
578 Puerto Rico Consrvtn Fdn	1	1	0	0	0	0	0	0	0	0	0	0
579 Sioux Falls Bus&Prof Womn	1	0	0	0	0	0	0	0	0	0	0	1
580 St Croix Fdn Cmty Dvlpmt	1	0	0	0	0	0	0	0	0	0	0	1
Total 1st 580 institutions	591,517	9,657	27,205	110,974	22,972	25,929	85,837	86,134	3,252	119,501	79,412	20,644
581 Tradeswomen, Inc	1	0	0	0	0	0	0	0	0	0	0	1
582 Wmn Hlthcr Ed, Rfrm, Eq	1	0	0	0	0	0	0	0	0	0	0	1
583 Women Trades Fair Comm	1	0	0	0	0	0	0	0	0	0	0	1
584 Women in Unity Fdn	1	0	0	0	0	0	0	0	0	0	0	1
585 Women's Opp & Res Dvlpmt	1	0	0	0	0	0	0	0	0	0	0	1
586 Womens Project	1	0	0	0	0	0	0	0	0	0	0	1
587 Womens Rights Info Ctr	1	0	0	0	0	0	0	0	0	0	0	1
588 YWCA Metro Br Womens Ctr	1	0	0	0	0	0	0	0	0	0	0	1
Total 1st 588 institutions	591,525	9,657	27,205	110,974	22,972	25,929	85,837	86,134	3,252	119,501	79,412	20,652

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, and Transportation; the Agency for International Development, the General Services Administration, the Nuclear Regulatory Commission, the Office of Justice Programs, and the Social Security Administration.

KEY: USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1996

Table B-31. Federal obligations for science and engineering to selected consortia of institutions: fiscal years 1989-96

[Thousands of dollars]

Consortium	1989	1990	1991	1992	1993	1994	1995	1996
Total, all consortia	104,101	103,950	99,334	125,706	114,776	101,716	101,794	102,019
Central U.S. Earthquake Consortium	0	0	0	0	0	0	92	0
Consortium for International Development	3,000	2,236	0	0	84	0	0	0
Consortium for International Earth Science Information Network	0	0	0	24,815	18,975	10,380	6,311	4,782
Consortium for Oceanographic Rsch & Education	0	0	0	0	0	0	0	649
Five Colleges, Inc.	0	44	0	0	653	28	187	71
Louisiana Universities Marine Consortium	0	0	0	880	599	17	0	0
Midwest Universities Consortium for International Activities	0	0	0	0	0	0	1,766	48
Mississippi-Alabama Sea Grant Consortium	1,011	1,640	1,715	1,251	0	1,095	0	0
Mississippi Research Consortium	0	0	0	129	0	0	0	584
National Physical Science Consortium	0	0	0	0	0	0	816	121
Science & Engineering Alliance, Inc.	0	0	0	0	0	0	0	75
SECME, Inc. (SE Consortium for Minorities in Engineering	0	0	0	0	0	0	0	25
Sematech, Inc.	100,000	100,000	96,700	97,600	92,935	88,696	87,900	84,587
South Carolina Sea Grant Consortium	90	30	919	1,031	30	0	2,322	3,226
West Virginia High Technology Consortium	0	0	0	0	1,500	1,500	2,400	7,851

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-32. Federal obligations for science and engineering (S&E) to selected consortia of institutions, by type of activity: fiscal year 1996

[Thousands of dollars]

Consortium	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all consortia	102,019	100,699	0	0	158	1,162	0
Consortium for International Earth Science Information Network	4,782	4,782	0	0	0	0	0
Consortium for Oceanographic Rsch & Education	649	649	0	0	0	0	0
Five Colleges, Inc.	71	71	0	0	0	0	0
Midwest Universities Consortium for International Activities	48	48	0	0	0	0	0
Mississippi Research Consortium	584	584	0	0	0	0	0
National Physical Science Consortium	121	121	0	0	0	0	0
Science & Engineering Alliance, Inc.	75	75	0	0	0	0	0
SECME, Inc. (SE Consortium for Minorities in Engineering	25	25	0	0	0	0	0
Sematech, Inc.	84,587	84,587	0	0	0	0	0
South Carolina Sea Grant Consortium	3,226	1,906	0	0	158	1,162	0
West Virginia High Technology Consortium	7,851	7,851	0	0	0	0	0

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-33. Federal obligations for science and engineering to selected consortia of institutions, by agency: fiscal year 1996

[Thousands of dollars]

Consortium	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all consortia	102,019	0	9,076	85,169	0	75	175	0	6,913	563	48
Consortium for International Earth Science Information Network	4,782	0	0	0	0	0	100	0	4,682	0	0
Consortium for Oceanographic Rsch & Education	649	0	0	81	0	50	0	0	0	518	0
Five Colleges, Inc.	71	0	0	0	0	0	0	0	26	45	0
Midwest Universities Consortium for International Activities	48	0	0	0	0	0	0	0	0	0	48
Mississippi Research Consortium	584	0	0	0	0	0	0	0	584	0	0
National Physical Science Consortium	121	0	0	0	0	0	0	0	121	0	0
Science & Engineering Alliance, Inc.	75	0	0	0	0	0	75	0	0	0	0
SECME, Inc. (SE Consortium for Minorities in Engineering	25	0	0	0	0	25	0	0	0	0	0
Sematech, Inc.	84,587	0	0	84,587	0	0	0	0	0	0	0
South Carolina Sea Grant Consortium	3,226	0	3,226	0	0	0	0	0	0	0	0
West Virginia High Technology Consortium	7,851	0	5,850	501	0	0	0	0	1,500	0	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, and Transportation; the Agency for International Development, the General Services Administration, the Nuclear Regulatory Commission, the Office of Justice Programs, and the Social Security Administration.

NOTE: The Agency for International Development (AID) continues its long term work on restructuring its internal database (a New Management System, NMS) which will integrate the agency's budget, programming, accounting and procurement systems. While parts of the NMS are currently working, the complete system should be in operation by the end of the calendar year 1997. As a result, AID's response to the fiscal year 1996 Federal support survey has again been produced using an interim reporting system as it was for the fiscal year 1995 survey. Any significant differences between AID's fiscal year 1996 and data prior to fiscal year 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the fiscal years 1995-1996 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

BEST COPY AVAILABLE

Table B-34. Federal science and engineering (S&E) obligations to federally funded research and development centers administered by universities and colleges, by type of activity: fiscal years 1963-96

[Thousands of dollars]

Fiscal year	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
1963	814,082	668,803	138,880	[2]	[2]	[2]	6,399
1964	862,353	732,345	122,508	[2]	[2]	[2]	7,500
1965	895,287	744,172	141,714	[2]	[2]	[2]	9,401
1966	917,631	784,227	127,604	[2]	[2]	[2]	5,800
1967	907,549	800,798	101,753	[2]	[2]	[2]	4,998
1968	935,820	818,035	113,779	[2]	[2]	[2]	4,006
1969	916,872	790,981	121,135	[2]	[2]	[2]	4,756
1970	960,906	799,670	156,794	[2]	[2]	[2]	4,442
1971	976,313	787,186	184,709	53	1,481	70	2,814
1972	1,067,343	927,278	133,318	0	2,740	0	4,007
1973	1,005,764	904,413	95,521	45	2,944	48	2,793
1974	1,071,203	962,203	102,105	0	664	206	6,025
1975	1,196,768	1,067,283	128,772	0	351	211	151
1976	1,433,618	1,268,144	163,038	0	493	0	1,943
1977	1,600,593	1,442,656	157,508	0	306	123	0
1978	1,665,824	1,451,994	213,180	0	458	106	86
1979	1,916,109	1,584,961	330,613	0	402	133	0
1980	2,143,749	1,733,234	379,943	12,525	527	9,955	7,565
1981	2,204,317	1,871,759	322,137	6,647	298	2,270	1,206
1982	2,462,966	2,047,178	406,211	6,115	293	400	2,769
1983	2,741,693	2,374,303	337,350	17,757	437	11,130	716
1984	3,006,001	2,638,926	358,265	1,605	344	584	6,277
1985	3,448,931	3,017,501	427,122	1,460	683	1,921	244
1986	3,520,597	3,167,947	348,705	0	1,019	1,285	1,641
1987	3,640,083	3,262,297	373,474	902	577	1,532	1,301
1988	3,766,126	3,300,725	462,089	450	544	687	1,631
1989	4,019,518	3,525,564	459,724	1,095	628	764	31,743
1990	4,146,704	3,593,472	473,314	0	857	24,009	55,052
1991	4,300,781	3,615,171	615,760	4,570	4,635	206	60,439
1992	4,443,605	3,843,466	598,946	0	813	235	145
1993	4,318,645	3,627,427	620,724	33,359	109	80	36,946
1994	4,059,881	3,351,938	660,871	0	301	36,448	10,323
1995	4,209,655	3,647,456	511,410	2,351	332	47,414	692
1996	4,133,064	3,577,501	529,705	0	4,037	21,227	594

[1] See Technical Notes, "Scope of Survey."

[2] Not separately identified but included under "Other science and engineering activities."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-35. Federal science and engineering obligations to federally funded research and development centers administered by universities and colleges, by agency: fiscal years 1963-96

[Thousands of dollars]

Fiscal year	Total	USDA	Com	DoD	DOE [1]	EPA	HHS [2]	HUD	Int	NASA	NSF	NRC	DOT	Other [3]
1963	814,082	0	0	128,236	440,259	0	0	0	0	230,168	15,419	0	0	0
1964	862,353	0	0	144,044	471,470	0	509	0	0	226,194	20,136	0	0	0
1965	895,287	0	0	142,676	485,028	0	1,788	0	0	245,094	20,701	0	0	0
1966	917,631	0	0	141,916	517,898	0	3,225	0	0	230,820	23,772	0	0	0
1967	907,549	0	0	135,992	510,878	0	7,859	0	0	223,984	28,836	0	0	0
1968	935,820	0	45	142,847	539,513	0	12,455	0	0	209,732	31,227	0	1	0
1969	916,872	0	57	143,365	560,752	0	23,658	0	0	160,619	28,421	0	NA	0
1970	960,906	0	92	131,213	613,251	0	7,932	0	0	180,692	27,506	0	220	0
1971	976,313	0	0	129,398	626,621	0	7,427	550	0	175,077	37,240	0	0	0
1972	1,067,343	0	0	189,649	609,031	0	9,478	0	0	211,295	41,811	0	6,079	0
1973	1,005,764	0	0	155,223	595,815	88	1,171	0	0	203,860	46,386	0	3,221	0
1974	1,071,203	0	0	163,990	633,667	0	3,151	0	261	212,065	57,032	0	1,037	0
1975	1,196,768	0	73	186,168	721,906	0	3,280	0	213	227,512	57,562	0	54	0
1976	1,433,618	0	0	207,323	906,173	0	6,170	0	674	241,928	71,325	0	25	0
1977	1,600,593	0	0	217,990	1,067,072	0	6,622	0	0	235,714	72,317	0	878	0
1978	1,665,824	0	0	97,495	1,254,354	0	8,771	0	0	224,121	78,489	50	2,544	0
1979	1,916,109	0	0	111,728	1,442,694	0	11,556	0	294	264,610	85,227	0	0	0
1980	2,143,749	0	0	134,070	1,608,105	0	11,955	0	300	312,866	73,153	0	3,300	0
1981	2,204,317	82	0	137,767	1,654,224	0	16,099	0	285	318,820	73,240	0	3,800	0
1982	2,462,966	0	1,545	188,514	1,844,961	393	19,087	0	0	331,938	72,702	0	3,826	0
1983	2,741,693	65	179	266,827	1,937,120	2	20,543	0	0	427,526	83,440	0	5,991	0
1984	3,006,001	120	271	249,558	2,083,262	0	20,562	0	30	548,307	91,464	0	12,427	0
1985	3,448,931	55	333	322,060	2,259,839	0	25,854	0	0	724,813	103,438	0	12,539	0
1986	3,520,597	165	996	322,357	2,172,387	0	26,404	0	0	891,284	99,529	0	7,475	0
1987	3,640,083	210	573	381,970	2,235,593	0	30,586	0	0	878,564	102,973	150	9,464	0
1988	3,766,126	0	551	372,410	2,420,120	0	27,944	0	0	846,091	98,905	50	55	0
1989	4,019,518	493	801	405,299	2,550,385	0	29,203	0	0	929,125	104,112	0	100	0
1990	4,146,704	0	644	437,120	2,608,062	0	30,428	0	0	950,199	120,251	0	0	0
1991	4,300,781	0	1,006	411,276	2,677,263	145	29,651	0	0	986,635	194,805	0	0	0
1992	4,443,605	195	398	416,480	2,811,678	19	28,165	0	0	1,050,818	135,852	0	0	0
1993	4,318,645	25	426	383,569	2,924,419	0	25,224	0	0	840,791	143,191	0	1,000	0
1994	4,059,881	0	426	331,081	2,736,497	88	27,179	0	140	813,393	150,966	0	111	0
1995	4,209,655	0	758	350,315	2,574,172	0	23,538	0	610	1,053,935	190,378	0	15,949	0
1996	4,133,064	26	401	349,140	2,530,680	0	25,095	0	127	1,081,911	143,684	0	2,000	0

[1] Data shown for fiscal years 1963-74 and fiscal years 1975-77 represent obligations of the Atomic Energy Commission and the Energy Research and Development Administration, respectively.

[2] Data shown for fiscal years 1963-79 represent obligations of the Department of Health, Education, and Welfare.

[3] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Education and Labor; the Agency for International Development, the General Services Administration, the Office of Justice Programs, and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
HUD = Department of Housing and Urban Development
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
NRC = Nuclear Regulatory Commission
DOT = Department of Transportation
NA = Not available

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

BEST COPY AVAILABLE

Table B-36. Federal science and engineering (S&E) obligations to federally funded research and development centers administered by universities and colleges, by agency and type of activity: fiscal year 1996

[Thousands of dollars]

Agency	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all agencies	4,133,064	3,577,501	529,705	0	4,037	21,227	594
Department of Agriculture	26	26	0	0	0	0	0
Department of Commerce	401	357	0	0	0	0	44
Department of Defense	349,140	349,140	0	0	0	0	0
Department of Energy	2,530,680	2,001,165	504,502	0	3,786	21,227	0
Department of Health & Human Services, total	25,095	24,844	0	0	251	0	0
Centers for Disease Control & Prevention	138	138	0	0	0	0	0
National Institutes of Health	24,957	24,706	0	0	251	0	0
Department of the Interior	127	127	0	0	0	0	0
Department of Transportation	2,000	2,000	0	0	0	0	0
National Aeronautics & Space Administration	1,081,911	1,069,965	11,946	0	0	0	0
National Science Foundation	143,684	129,877	13,257	0	0	0	550

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996

Table B-37. Federal science and engineering obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, and sponsoring agency: fiscal years 1989-96

[Thousands of dollars]

State, institution, and sponsoring agency	1989	1990	1991	1992	1993	1994	1995	1996
United States, total	4,019,518	4,146,704	4,300,781	4,443,605	4,318,645	4,059,881	4,209,655	4,133,064
Arizona:								
National Optical Astronomy Observatories[1] (National Science Foundation)	24,028	29,139	29,511	28,510	41,615	45,284	70,099	30,933
California:								
Ernest Orlando Lawrence Berkeley National Laboratory (Department of Energy)	185,313	189,101	196,715	202,859	204,066	220,271	231,839	267,829
Jet Propulsion Laboratory[2] (National Aeronautics & Space Admin)	929,423	950,419	986,914	1,050,806	840,918	813,744	1,054,571	1,082,790
Lawrence Livermore National Laboratory (Department of Energy)	629,003	715,968	754,198	718,478	703,580	563,322	510,680	518,304
Stanford Linear Accelerator Center (Department of Energy)	136,049	144,080	142,710	148,334	160,977	174,767	168,818	179,359
Colorado:								
National Center for Atmospheric Research (National Science Foundation)	48,197	49,198	53,889	58,767	61,971	64,551	79,638	72,979
Illinois:								
Argonne National Laboratory (Department of Energy)	248,750	320,857	357,584	383,131	413,069	378,108	348,056	291,672
Fermi National Accelerator Laboratory (Department of Energy)	202,504	199,219	212,090	226,193	226,141	229,018	251,143	262,225
Iowa:								
Ames Laboratory (Department of Energy)	20,290	22,855	29,916	29,608	28,670	25,169	24,491	26,083
Massachusetts:								
Lincoln Laboratory (Department of Defense/Air Force)	379,002	407,100	376,209	373,805	343,913	294,947	314,609	306,970
New Jersey:								
Princeton Plasma Physics Laboratory (Department of Energy)	97,641	92,441	90,311	116,853	111,543	103,754	118,184	60,560
New Mexico:								
Los Alamos National Laboratory (Department of Energy)	621,722	621,028	555,967	598,011	670,200	574,896	535,753	549,172
New York:								
Brookhaven National Laboratory (Department of Energy)	256,059	229,490	255,218	303,594	324,251	331,467	318,029	322,618
Pennsylvania:								
Software Engineering Institute (Dept of Defense/Defense Advanced Research Projects Agency)	23,330	28,500	31,765	34,951	32,334	32,786	31,582	33,607
Tennessee:								
Oak Ridge Institute for Science & Education (Department of Energy)	131,482	24,171	30,962	38,862	46,805	95,992	44,321	22,151

See explanatory information, if any, and SOURCE at end of table.

Table B-37. Federal science and engineering obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, and sponsoring agency: fiscal years 1989-96

[Thousands of dollars]

State, institution, and sponsoring agency	1989	1990	1991	1992	1993	1994	1995	1996
Texas:								
Institute for Advanced Technology[3] (Department of Defense/Army)	0	1,000	1,889	6,481	0	0	0	0
Virginia:								
Thomas Jefferson National Accelerator Facility[4] (Department of Energy)	55,967	81,475	84,565	77,297	69,880	72,452	70,576	67,765
West Virginia:								
National Radio Astronomy Observatory (National Science Foundation)	30,758	34,485	102,052	35,315	29,246	29,218	29,597	29,776
Puerto Rico:								
National Astronomy & Ionosphere Center[5] (National Science Foundation)	0	6,178	8,516	11,750	9,466	10,135	7,669	8,271

1 Since February 1984 this center has included three former FFRDCs: Cerro Tololo Inter-American Observatory, Kitt Peak National Observatory, and the National Solar Observatory (formerly Sacramento Peak Observatory).

2 Obligations reported to the Jet Propulsion Laboratory include sizable amounts that are subcontracted, principally to industrial firms.

3 The Department of the Army decertified the Institute for Advanced Technology (University of Texas), Austin, TX, as an FFRDC in November 1993.

4 In May 1996 the name was changed from Continuous Electron Beam Accelerator Facility.

5 Data for the National Astronomy & Ionosphere Center were included with the totals reported to the center's sponsor, Cornell University, in fiscal years 1988 and 1989.

NOTE: University consortia, as well as individual universities and colleges, administer FFRDCs. Refer to Section A, Technical Notes, "Federally Funded Research and Development Centers" for a list of FFRDCs by agency and administering institution.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

Table B-38. Federal science and engineering (S&E) obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, agency, and type of activity: fiscal year 1996

[Thousands of dollars]

State, institution, administering institution, and agency providing funds	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total							
Total	4,133,064	3,577,501	529,705	0	4,037	21,227	594
Dept of Agriculture	26	26	0	0	0	0	0
Dept of Commerce	401	357	0	0	0	0	44
Dept of Defense	349,140	349,140	0	0	0	0	0
Dept of Energy	2,530,680	2,001,165	504,502	0	3,786	21,227	0
Dept of Health & Human Services	25,095	24,844	0	0	251	0	0
Dept of the Interior	127	127	0	0	0	0	0
Dept of Transportation	2,000	2,000	0	0	0	0	0
Nat'l Aeronautics & Space Admin	1,081,911	1,069,965	11,946	0	0	0	0
Nat'l Science Foundation	143,684	129,877	13,257	0	0	0	550
Arizona:							
Nat'l Optical Astronomy Observatories [2] (Assoc of Univ for Rsch in Astronomy, Inc.)							
Total	30,933	30,933	0	0	0	0	0
Nat'l Science Foundation	30,933	30,933	0	0	0	0	0
California:							
Ernest Orlando Lawrence Berkeley National Lab (University of California)							
Total	267,829	203,460	63,606	0	198	550	15
Dept of Commerce	15	0	0	0	0	0	15
Dept of Defense	7,290	7,290	0	0	0	0	0
Dept of Energy	246,956	182,800	63,606	0	0	550	0
Dept of Health & Human Services	13,465	13,267	0	0	198	0	0
Nat'l Science Foundation	103	103	0	0	0	0	0
Jet Propulsion Laboratory [3] (California Institute of Technology)							
Total	1,082,790	1,070,844	11,946	0	0	0	0
Dept of Defense	899	899	0	0	0	0	0
Nat'l Aeronautics & Space Admin	1,081,891	1,069,945	11,946	0	0	0	0
Lawrence Livermore National Laboratory (University of California)							
Total	518,304	447,914	62,568	0	0	7,797	25
Dept of Commerce	125	100	0	0	0	0	25
Dept of Defense	197	197	0	0	0	0	0
Dept of Energy	517,982	447,617	62,568	0	0	7,797	0
Stanford Linear Accelerator Center (Leland Stanford Junior University)							
Total	179,359	117,204	62,155	0	0	0	0
Dept of Energy	179,359	117,204	62,155	0	0	0	0
Colorado:							
Nat'l Center for Atmospheric Research (Univ Corp for Atmospheric Research)							
Total	72,979	59,722	13,257	0	0	0	0
Dept of Agriculture	26	26	0	0	0	0	0
Dept of Defense	304	304	0	0	0	0	0
Nat'l Aeronautics & Space Admin	20	20	0	0	0	0	0
Nat'l Science Foundation	72,629	59,372	13,257	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-38. Federal science and engineering (S&E) obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, agency, and type of activity: fiscal year 1996

[Thousands of dollars]

State, institution, administering institution, and agency providing funds	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Illinois:							
Argonne National Laboratory (University of Chicago)							
Total	291,672	246,193	41,921	0	29	3,529	0
Dept of Commerce	144	144	0	0	0	0	0
Dept of Energy	290,656	245,206	41,921	0	0	3,529	0
Dept of Health & Human Services	872	843	0	0	29	0	0
Fermi National Accelerator Laboratory (Universities Research Assoc, Inc.)							
Total	262,225	175,030	87,195	0	0	0	0
Dept of Energy	262,225	175,030	87,195	0	0	0	0
Iowa:							
Ames Laboratory (Iowa State Univ of Science & Tech)							
Total	26,083	21,761	4,322	0	0	0	0
Dept of Commerce	4	4	0	0	0	0	0
Dept of Energy	25,579	21,257	4,322	0	0	0	0
Dept of Health & Human Services	500	500	0	0	0	0	0
Massachusetts:							
Lincoln Laboratory (Massachusetts Inst of Technology)							
Total	306,970	306,970	0	0	0	0	0
Dept of Defense	306,843	306,843	0	0	0	0	0
Dept of the Interior	127	127	0	0	0	0	0
New Jersey:							
Princeton Plasma Physics Laboratory (Princeton University)							
Total	60,560	59,504	1,056	0	0	0	0
Dept of Energy	60,452	59,396	1,056	0	0	0	0
Nat'l Science Foundation	108	108	0	0	0	0	0
New Mexico:							
Los Alamos National Laboratory (University of California)							
Total	549,172	484,095	63,429	0	24	1,624	0
Dept of Commerce	15	15	0	0	0	0	0
Dept of Energy	541,452	476,399	63,429	0	0	1,624	0
Dept of Health & Human Services	5,615	5,591	0	0	24	0	0
Dept of Transportation	2,000	2,000	0	0	0	0	0
Nat'l Science Foundation	90	90	0	0	0	0	0
New York:							
Brookhaven National Laboratory (Associated Universities, Inc.)							
Total	322,618	209,045	109,043	0	0	4,526	4
Dept of Commerce	98	94	0	0	0	0	4
Dept of Energy	317,530	203,961	109,043	0	0	4,526	0
Dept of Health & Human Services	3,916	3,916	0	0	0	0	0
Nat'l Science Foundation	1,074	1,074	0	0	0	0	0
Pennsylvania:							
Software Engineering Institute (Carnegie Mellon University)							
Total	33,607	33,607	0	0	0	0	0
Dept of Defense	33,607	33,607	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-38. Federal science and engineering (S&E) obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, agency, and type of activity: fiscal year 1996

[Thousands of dollars]

State, institution, administering institution, and agency providing funds	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Tennessee:							
Oak Ridge Institute for Science & Education (Oak Ridge Assoc Universities, Inc.)							
Total	22,151	14,282	332	0	3,786	3,201	550
Dept of Energy	20,724	13,405	332	0	3,786	3,201	0
Dept of Health & Human Services	727	727	0	0	0	0	0
Nat'l Science Foundation	700	150	0	0	0	0	550
Virginia:							
Thomas Jefferson Nat'l Accelerator Facility [4] (Southeastern Univ Research Assoc, Inc.)							
Total	67,765	58,890	8,875	0	0	0	0
Dept of Energy	67,765	58,890	8,875	0	0	0	0
West Virginia:							
National Radio Astronomy Observatory (Associated Universities, Inc.)							
Total	29,776	29,776	0	0	0	0	0
Nat'l Science Foundation	29,776	29,776	0	0	0	0	0
Puerto Rico:							
National Astronomy & Ionosphere Center [5] (Cornell University)							
Total	8,271	8,271	0	0	0	0	0
Nat'l Science Foundation	8,271	8,271	0	0	0	0	0

[1] See Technical Notes, "Scope of Survey."

[2] Since February 1984 this center has included three former FFRDCs: Cerro Tololo Inter-American Observatory, Kitt Peak National Observatory and the National Solar Observatory (formerly Sacramento Peak Observatory).

[3] Obligations reported to the Jet Propulsion Laboratory include sizable amounts that are subcontracted, principally to industrial firms.

[4] In May 1996 the name was changed from Continuous Electron Beam Accelerator Facility.

[5] Data for the National Astronomy & Ionosphere Center were included with the totals reported to the center's sponsor, Cornell University, in fiscal years 1988 and 1989.

NOTE: University consortia, as well as individual universities and colleges, administer FFRDCs. Refer to Section A, Technical Notes, "Federally Funded Research and Development Centers" for a list of FFRDCs by agency and administering institution.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

Table B-39. Federal science and engineering research and development and R&D plant obligations to federally funded research and development centers (FFRDCs) administered by nonprofit institutions, by State, institution, and sponsoring agency: fiscal years 1989-96

[Thousands of dollars]

State, institution, and sponsoring agency	1989	1990	1991	1992	1993	1994	1995	1996
United States, total	1,024,275	1,321,315	815,064	924,864	1,031,708	1,007,262	1,088,415	917,878
California:								
Aerospace Federally Funded Research & Development Center (Department of Defense/Air Force)	304,811	416,668	397,271	168,209	177,745	158,100	145,780	158,102
Arroyo Center[1] (Department of Defense/Army)	19,600	25,500	0	17,625	16,350	15,300	15,505	18,363
National Defense Research Institute[1] (Department of Defense/ Office of the Secretary)	26,400	28,600	0	9,413	8,807	9,052	7,500	7,244
Project Air Force[1] (Department of Defense/Air Force)	24,874	23,372	0	22,488	23,980	24,000	24,000	24,000
Colorado:								
National Renewable Energy Laboratory[2] (Department of Energy)	52,152	69,611	104,013	139,681	189,909	207,547	242,900	173,699
New Mexico:								
Inhalation Toxicology Research Institute[3] (Department of Energy)	9,400	8,051	8,583	8,881	8,433	7,890	6,845	0
Virginia:								
C3I Federally Funded Research & Development Center[4] (Dept of Defense/Off of the Sec)	367,617	445,729	17,838	254,051	259,606	243,839	237,518	195,859
Center for Advanced Aviation System Development[4] (Department of Transportation)	0	0	0	17,542	5,658	13,327	8,888	5,958
Center for Naval Analyses (Department of Defense/Navy)	34,799	41,200	48,558	43,713	43,371	44,474	44,857	45,215
Inst for Defense Analyses Studies & Analyses FFRDC (Dept of Defense/ Office of the Secretary)	83,700	90,200	73,468	90,185	88,740	83,988	88,551	87,072
Logistics Management Institute[5] (Department of Defense/ Office of the Secretary)	17,400	18,600	26,696	3,657	4,040	4,099	4,043	7,000
Washington:								
Pacific Northwest National Laboratory (Department of Energy)	83,522	153,784	138,637	149,419	205,069	195,646	262,028	195,366

1 The following portions of the RAND Corp. are FFRDCs: National Defense Research Institute (formerly Defense/Office of the Joint Chiefs of Staff), Project Air Force, the Arroyo Center, and the Critical Technologies Institute. All other agency support to RAND is reported under nonprofit institutions.

2 In September 1991 the name was changed from Solar Energy Research Institute.

3 The Department of Energy removed the Inhalation Toxicology Research Institute from the Master Government List of FFRDCs in May 1996.

4 Only the C3I Federally Funded Research & Development Center and the Center for Advanced Aviation System Development parts of the MITRE Corp. are FFRDCs. All other agency support to MITRE is reported under nonprofit institutions.

5 Logistics Management Institute moved from Bethesda, MD, to McLean, VA, in May 1994.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996.

The National Science Foundation promotes and advances scientific progress in the United States by competitively awarding grants for research and education in the sciences, mathematics and engineering.

To get the latest information about program deadlines, to download copies of NSF publications, and to access abstracts of awards, visit the NSF Web site at:

http://www.nsf.gov

Location:	4201 Wilson Blvd. Arlington, VA 22230
For General Information (NSF Information Center):	(703) 306-1234
TDD (for the hearing-impaired):	(703) 306-0090
To Order Publications or Forms:	
Send an e-mail to:	pubs@nsf.gov
or telephone:	(301) 947-2722
To Locate NSF Employees:	(703) 306-1234

NSF Division of Science Resources Studies NSF 98-331

Order Form

Please send me the following reports, free of charge:

Title	NSF No.	
Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1995	97-330	☐
Federal Funds for Research and Development: Fiscal Years 1996, 1997, and 1998	forthcoming	☐
"Federal Academic Science and Engineering Obligations Decrease Slightly in FY 1996," Data Brief	98-308	☐

Check here to receive the latest SRS *Publications List.* ☐

Name	
Address	
City	
State	Zip
Phone	Fax

To order SRS publications, fill out order form, cut on dotted line, fold in half, tape, and drop in the mail. No postage is necessary. Form can also be sent via fax, at 703-306-0510.

NATIONAL SCIENCE FOUNDATION
ARLINGTON, VA 22230

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE $300

NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES

BUSINESS REPLY CARD

FIRST CLASS PERMIT NO. 12806 ARLINGTON, VA

National Science Foundation
Division of Science Resources Studies
Publications Unit
4201 Wilson Blvd., Suite 965
Arlington, VA 22203-9966

Fold here

Please tape here (do not staple)

NATIONAL SCIENCE FOUNDATION
ARLINGTON, VA 22230

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

RETURN THIS COVER SHEET TO ROOM P35 IF YOU DO NOT WISH TO RECEIVE THIS MATERIAL ☐, OR IF CHANGE OF ADDRESS IS NEEDED ☐, INDICATE CHANGE INCLUDING ZIP CODE ON THE LABEL (DO NOT REMOVE LABEL).

BEST COPY AVAILABLE

NSF 98-331